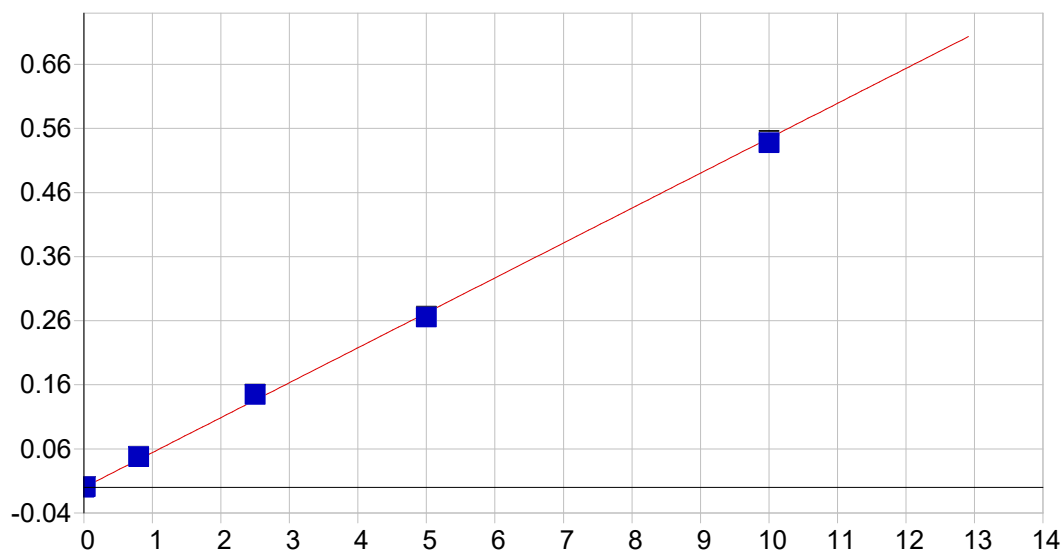


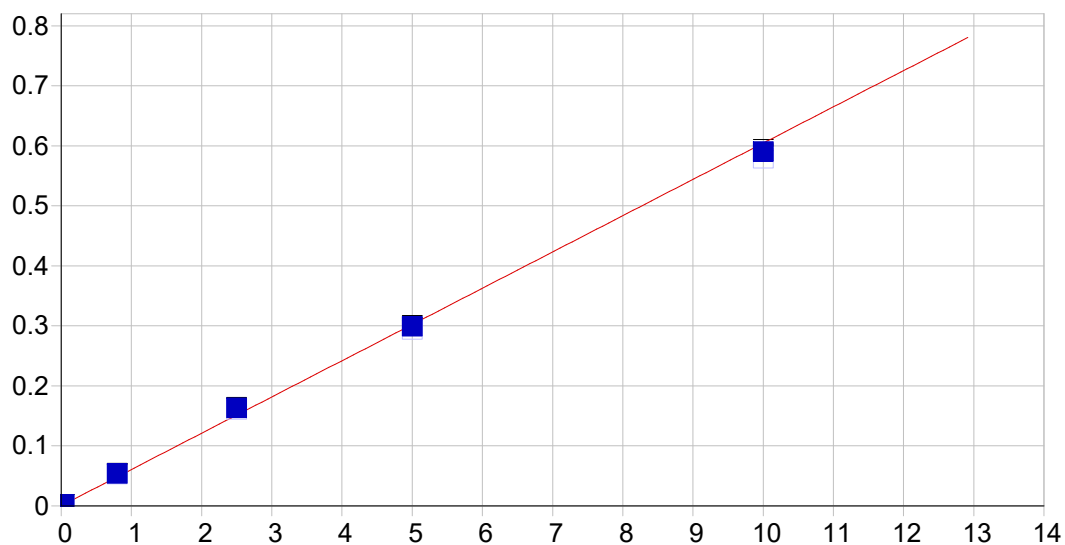


**As 189.042 {479}**

Date of Fit: 2/14/2025 14:25:01 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000142 Re-Slope: 1.000000  
 A1 (Gain): 0.054490 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999352 Status: OK.  
 Std Error of Est: 0.000046  
 Predicted MDL: 0.002659  
 Predicted MQL: 0.008862

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | -.00014 | .000    | 1        |
| S1        | .02000       | .02093      | .001       | 4.66    | .00099  | .000    | 1        |
| S3        | 2.5000       | 2.6589      | .159       | 6.36    | .14459  | .000    | 1        |
| S4        | 5.0000       | 4.8793      | -.121      | -2.41   | .26543  | .001    | 1        |
| S5        | 10.000       | 9.8756      | -.124      | -1.24   | .53739  | .003    | 1        |
| S2        | .80000       | .88531      | .085       | 10.7    | .04805  | .000    | 1        |

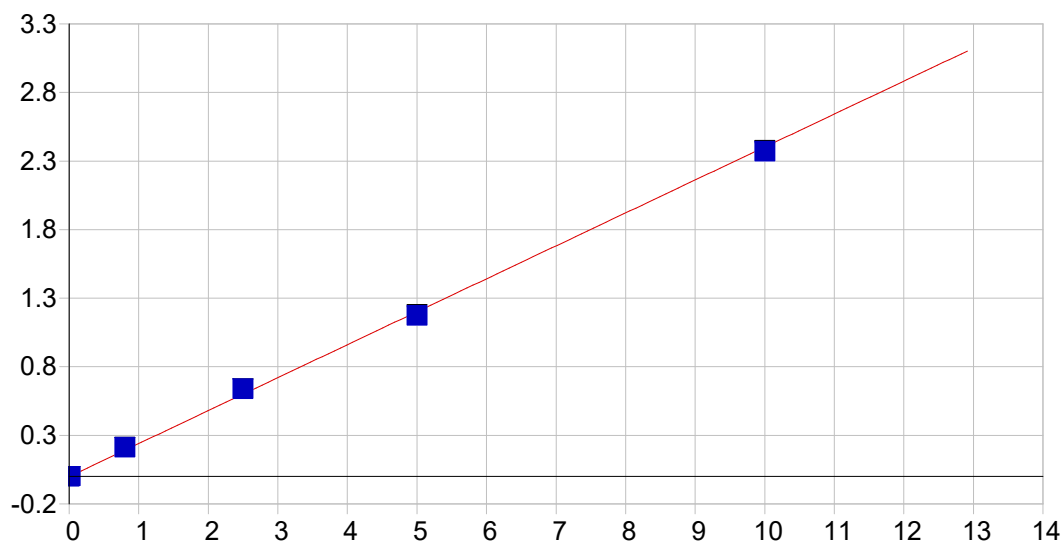


TI 190.856 {477}

Date of Fit: 2/14/2025 14:25:01 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000211 Re-Slope: 1.000000  
 A1 (Gain): 0.060418 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999117 Status: OK.  
 Std Error of Est: 0.000083  
 Predicted MDL: 0.001844  
 Predicted MQL: 0.006148

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | .00021 | .000    | 1        |
| S1        | .04000       | .03860      | -.001      | -3.50   | .00239 | .000    | 1        |
| S3        | 2.5000       | 2.6989      | .199       | 7.95    | .16049 | .001    | 1        |
| S4        | 5.0000       | 4.9496      | -.050      | -1.01   | .29369 | .002    | 1        |
| S5        | 10.000       | 9.7662      | -.234      | -2.34   | .57913 | .004    | 1        |
| S2        | .80000       | .88669      | .087       | 10.8    | .05289 | .001    | 1        |

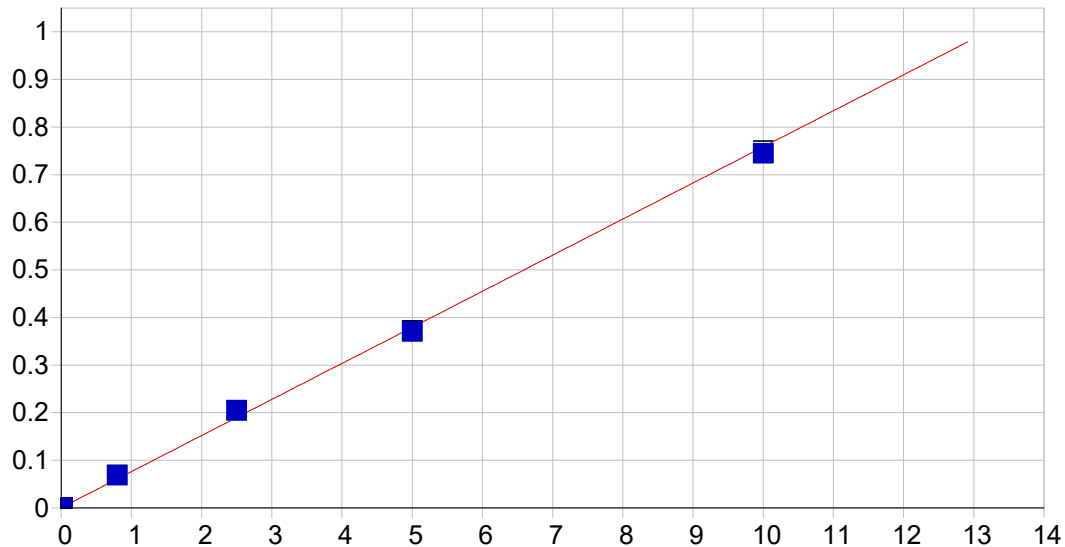


**Pb 220.353 {453}**

Date of Fit: 2/14/2025 14:25:01 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000195 Re-Slope: 1.000000  
 A1 (Gain): 0.240254 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999354 Status: OK.  
 Std Error of Est: 0.000157  
 Predicted MDL: 0.001167  
 Predicted MQL: 0.003890

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | -.00020 | .000    | 1        |
| S1        | .01200       | .01210      | .000       | .836    | .00265  | .000    | 1        |
| S3        | 2.5000       | 2.6605      | .161       | 6.42    | .63835  | .001    | 1        |
| S4        | 5.0000       | 4.8844      | -.116      | -2.31   | 1.1720  | .007    | 1        |
| S5        | 10.000       | 9.8704      | -.130      | -1.30   | 2.3686  | .008    | 1        |
| S2        | .80000       | .88460      | .085       | 10.6    | .21212  | .001    | 1        |

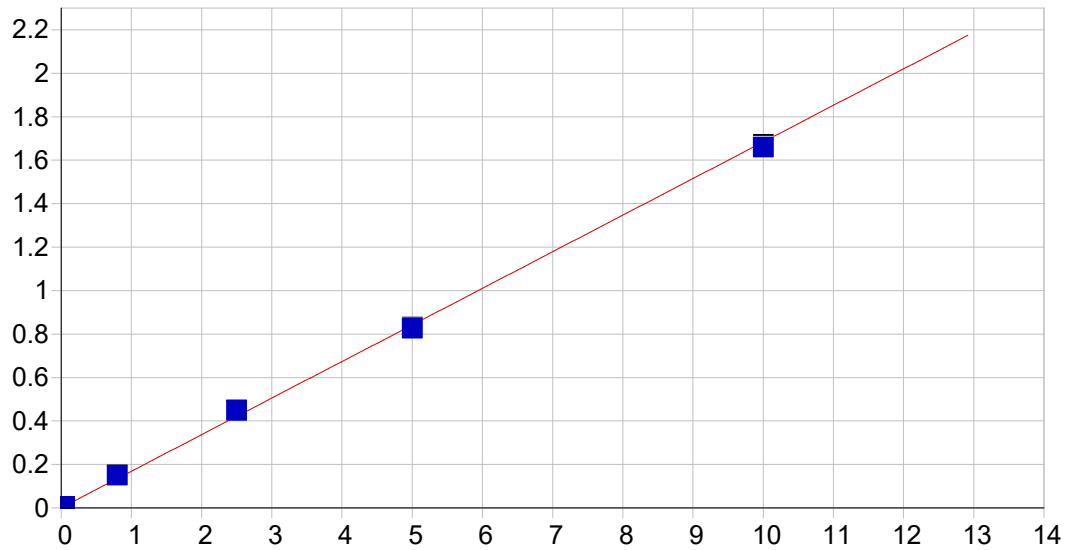


Se 196.090 {472}

Date of Fit: 2/14/2025 14:25:01 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000398 Re-Slope: 1.000000  
 A1 (Gain): 0.075791 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999093 Status: OK.  
 Std Error of Est: 0.000076  
 Predicted MDL: 0.002575  
 Predicted MQL: 0.008583

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | .00040 | .000    | 1        |
| S1        | .02000       | .01972      | -.000      | -1.42   | .00189 | .000    | 1        |
| S3        | 2.5000       | 2.6926      | .193       | 7.70    | .20442 | .000    | 1        |
| S4        | 5.0000       | 4.8834      | -.117      | -2.33   | .37042 | .002    | 1        |
| S5        | 10.000       | 9.8239      | -.176      | -1.76   | .74477 | .005    | 1        |
| S2        | .80000       | .90048      | .100       | 12.6    | .06863 | .000    | 1        |

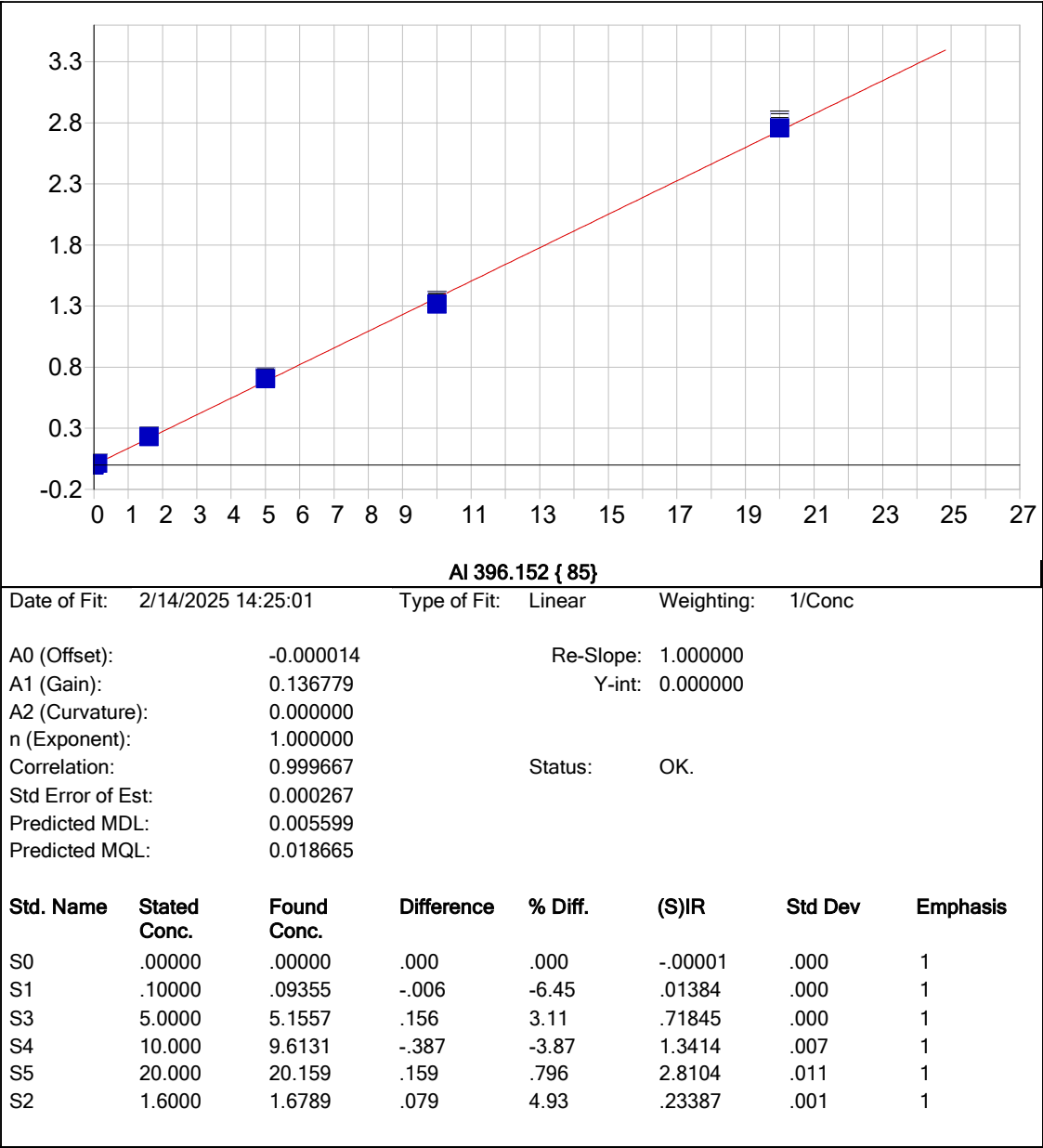


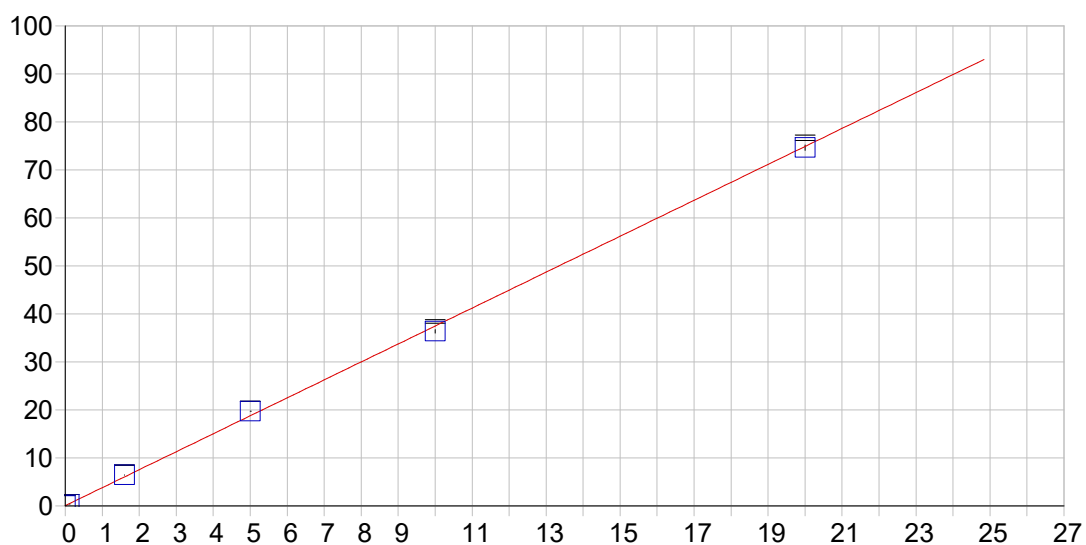
**Sb 206.833 {463}**

Date of Fit: 2/14/2025 14:25:01      Type of Fit: Linear      Weighting: 1/Conc

|                   |          |           |          |
|-------------------|----------|-----------|----------|
| A0 (Offset):      | 0.000304 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 0.168356 | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000 |           |          |
| n (Exponent):     | 1.000000 |           |          |
| Correlation:      | 0.999367 | Status:   | OK.      |
| Std Error of Est: | 0.000223 |           |          |
| Predicted MDL:    | 0.001462 |           |          |
| Predicted MQL:    | 0.004872 |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00001     | -.000      | .000    | .00030 | .000    | 1        |
| S1        | .05000       | .04978      | -.000      | -.440   | .00870 | .000    | 1        |
| S3        | 2.5000       | 2.6554      | .155       | 6.22    | .44850 | .002    | 1        |
| S4        | 5.0000       | 4.9005      | -.100      | -1.99   | .82762 | .004    | 1        |
| S5        | 10.000       | 9.8563      | -.144      | -1.44   | 1.6643 | .008    | 1        |
| S2        | .80000       | .88803      | .088       | 11.0    | .15017 | .001    | 1        |



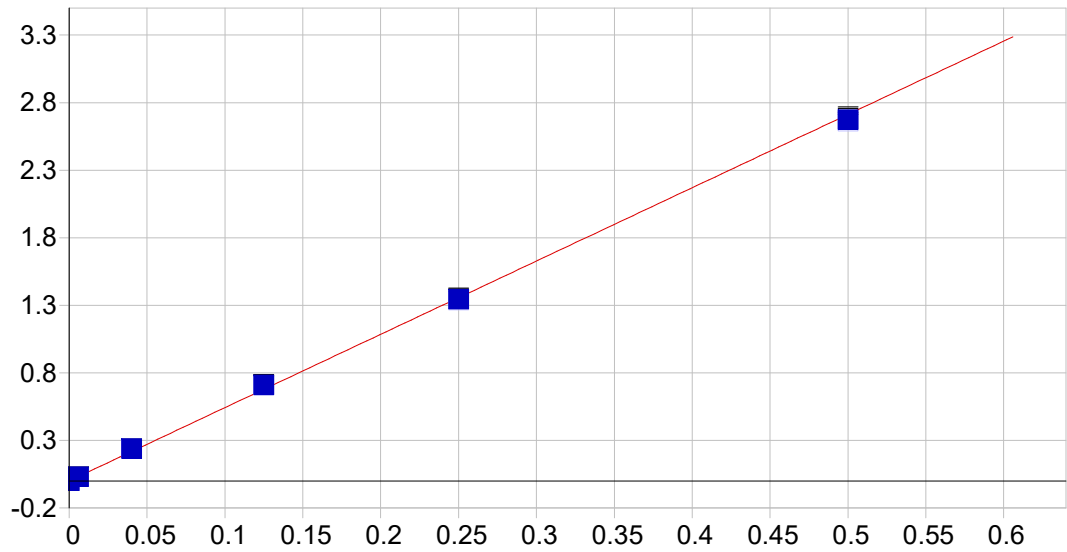


**Ba 493.409 { 68}**

Date of Fit: 2/14/2025 14:25:01 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.063626 Re-Slope: 1.000000  
 A1 (Gain): 3.741447 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999608 Status: OK.  
 Std Error of Est: 0.007766  
 Predicted MDL: 0.000653  
 Predicted MQL: 0.002176

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | .06361 | .001    | 1        |
| S1        | .10000       | .09621      | -.004      | -3.79   | .42360 | .001    | 1        |
| S3        | 5.0000       | 5.2571      | .257       | 5.14    | 19.733 | .011    | 1        |
| S4        | 10.000       | 9.7074      | -.293      | -2.93   | 36.383 | .361    | 1        |
| S5        | 20.000       | 19.936      | -.064      | -.318   | 74.654 | .562    | 1        |
| S2        | 1.6000       | 1.7030      | .103       | 6.44    | 6.4352 | .016    | 1        |

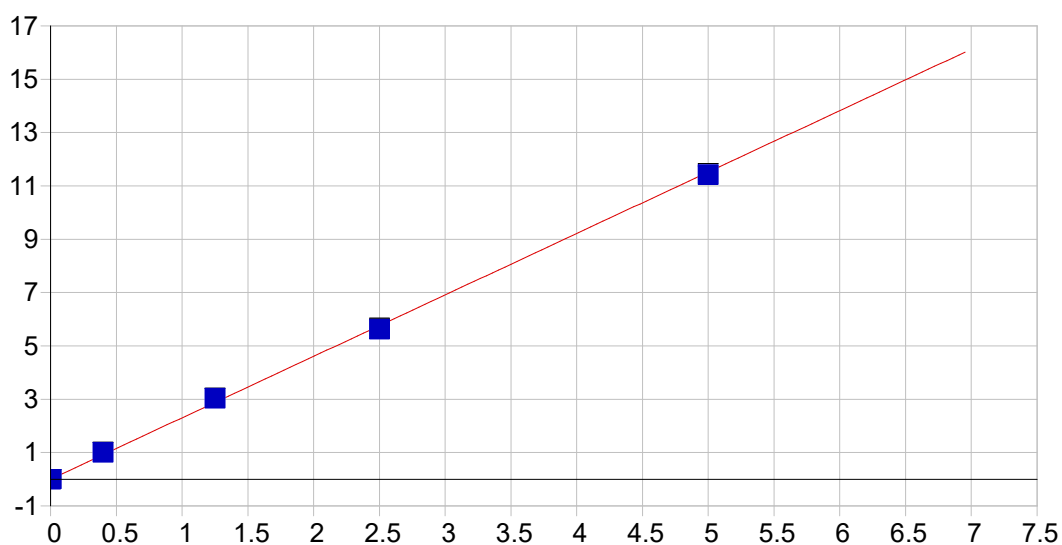


**Be 234.861 {144}**

Date of Fit: 2/14/2025 14:25:01 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000182 Re-Slope: 1.000000  
 A1 (Gain): 5.425652 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999551 Status: OK.  
 Std Error of Est: 0.000466  
 Predicted MDL: 0.000054  
 Predicted MQL: 0.000179

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | -.00018 | .000    | 1        |
| S1        | .00600       | .00561      | -.000      | -6.55   | .03000  | .000    | 1        |
| S3        | .12500       | .13091      | .006       | 4.73    | .70706  | .005    | 1        |
| S4        | .25000       | .24777      | -.002      | -.892   | 1.3381  | .010    | 1        |
| S5        | .50000       | .49276      | -.007      | -1.45   | 2.6612  | .022    | 1        |
| S2        | .04000       | .04395      | .004       | 9.87    | .23730  | .001    | 1        |

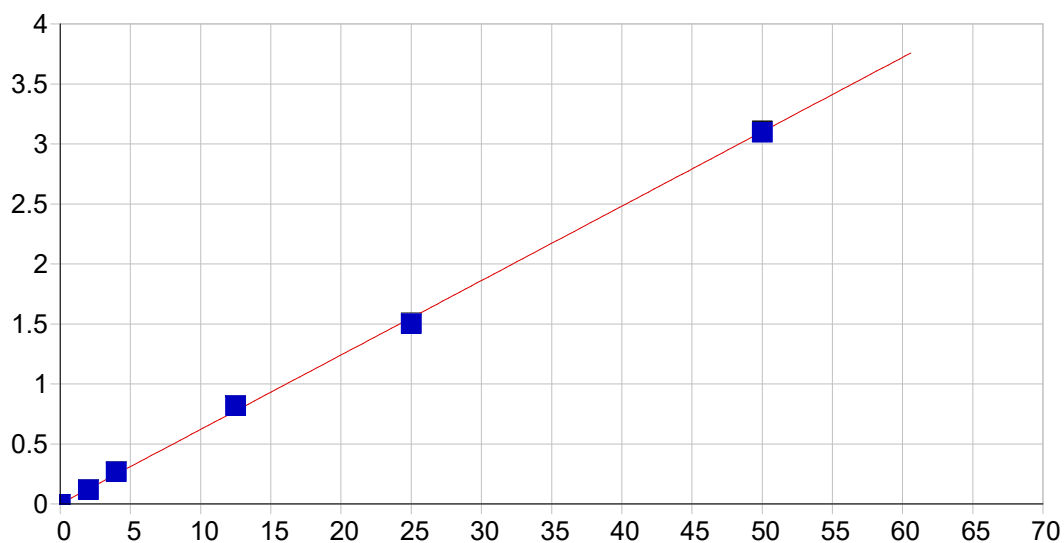


**Cd 226.502 {449}**

Date of Fit: 2/14/2025 14:25:01      Type of Fit: Linear      Weighting: 1/Conc

|                   |          |           |          |
|-------------------|----------|-----------|----------|
| A0 (Offset):      | 0.000084 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 2.303937 | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000 |           |          |
| n (Exponent):     | 1.000000 |           |          |
| Correlation:      | 0.999498 | Status:   | OK.      |
| Std Error of Est: | 0.000663 |           |          |
| Predicted MDL:    | 0.000092 |           |          |
| Predicted MQL:    | 0.000308 |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | .00008 | .000    | 1        |
| S1        | .00600       | .00582      | -.000      | -2.93   | .01355 | .000    | 1        |
| S3        | 1.2500       | 1.3180      | .068       | 5.44    | 3.0386 | .010    | 1        |
| S4        | 2.5000       | 2.4397      | -.060      | -2.41   | 5.6250 | .042    | 1        |
| S5        | 5.0000       | 4.9543      | -.046      | -.915   | 11.422 | .045    | 1        |
| S2        | .40000       | .43816      | .038       | 9.54    | 1.0102 | .004    | 1        |

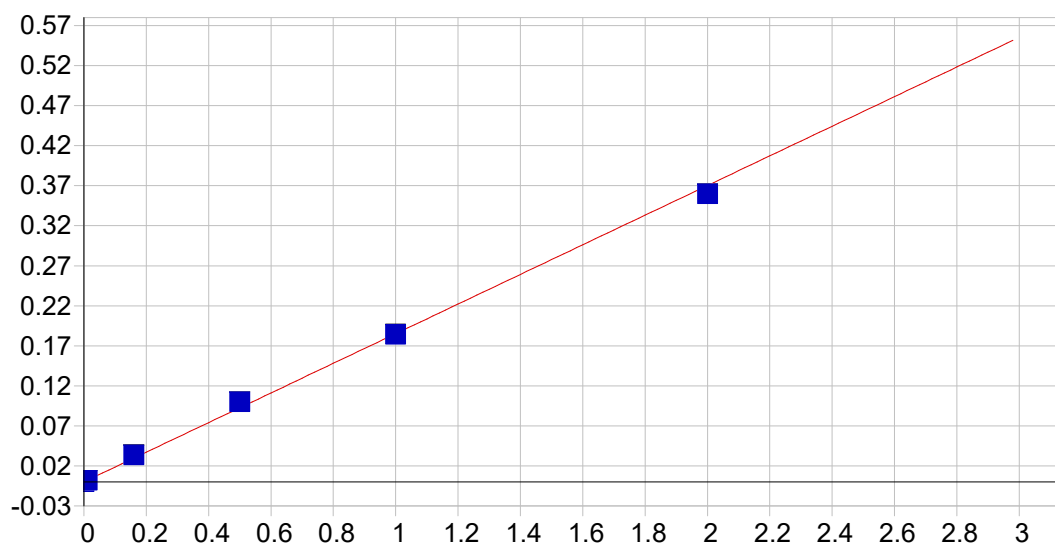


Ca 373.690 { 90}

Date of Fit: 2/14/2025 14:25:01 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000590 Re-Slope: 1.000000  
 A1 (Gain): 0.062013 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999513 Status: OK.  
 Std Error of Est: 0.001024  
 Predicted MDL: 0.009593  
 Predicted MQL: 0.031975

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00008     | -.000      | .000    | .00058 | .000    | 1        |
| S2        | 4.0000       | 4.2908      | .291       | 7.27    | .26667 | .001    | 1        |
| S3        | 12.500       | 13.198      | .698       | 5.59    | .81906 | .000    | 1        |
| S4        | 25.000       | 24.214      | -.786      | -3.14   | 1.5022 | .005    | 1        |
| S5        | 50.000       | 49.907      | -.093      | -.186   | 3.0955 | .010    | 1        |
| S1        | 2.0000       | 1.8901      | -.110      | -5.49   | .11780 | .000    | 1        |

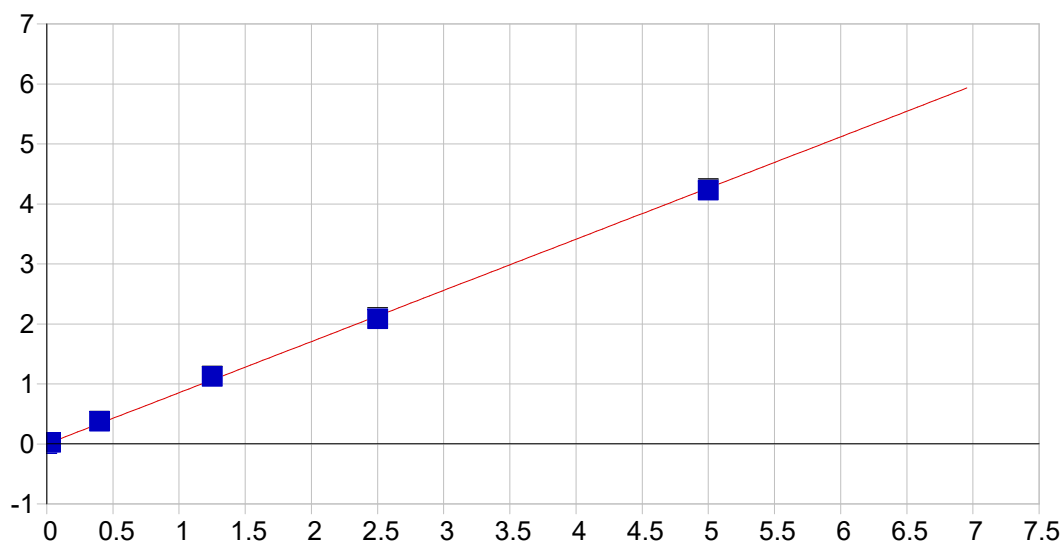


Cr 267.716 {126}

Date of Fit: 2/14/2025 14:25:01 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000029 Re-Slope: 1.000000  
 A1 (Gain): 0.185094 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.998912 Status: OK.  
 Std Error of Est: 0.000064  
 Predicted MDL: 0.000483  
 Predicted MQL: 0.001612

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | .00003 | .000    | 1        |
| S1        | .01000       | .00947      | -.001      | -5.35   | .00178 | .000    | 1        |
| S3        | .50000       | .54048      | .040       | 8.10    | .10010 | .000    | 1        |
| S4        | 1.0000       | .99477      | -.005      | -.523   | .18421 | .000    | 1        |
| S5        | 2.0000       | 1.9432      | -.057      | -2.84   | .35981 | .000    | 1        |
| S2        | .16000       | .18211      | .022       | 13.8    | .03375 | .000    | 1        |

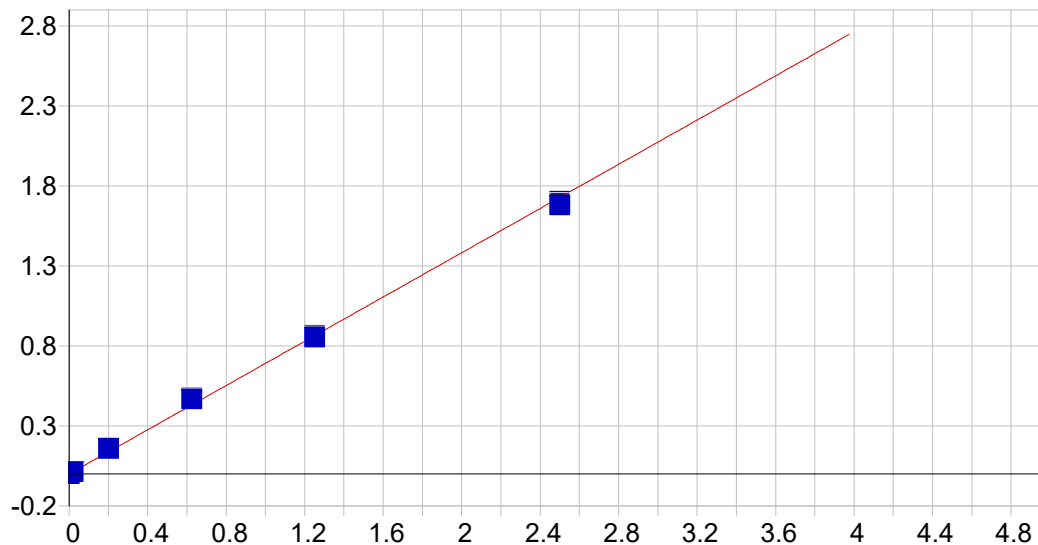


**Co 228.616 {448}**

Date of Fit: 2/14/2025 14:25:01      Type of Fit: Linear      Weighting: 1/Conc

|                   |          |           |          |
|-------------------|----------|-----------|----------|
| A0 (Offset):      | 0.000017 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 0.852931 | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000 |           |          |
| n (Exponent):     | 1.000000 |           |          |
| Correlation:      | 0.999503 | Status:   | OK.      |
| Std Error of Est: | 0.000547 |           |          |
| Predicted MDL:    | 0.000221 |           |          |
| Predicted MQL:    | 0.000738 |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | .00002 | .000    | 1        |
| S1        | .03000       | .02865      | -.001      | -4.50   | .02434 | .000    | 1        |
| S3        | 1.2500       | 1.3159      | .066       | 5.27    | 1.1242 | .004    | 1        |
| S4        | 2.5000       | 2.4417      | -.058      | -2.33   | 2.0863 | .016    | 1        |
| S5        | 5.0000       | 4.9545      | -.046      | -.911   | 4.2331 | .019    | 1        |
| S2        | .40000       | .43925      | .039       | 9.81    | .37524 | .001    | 1        |

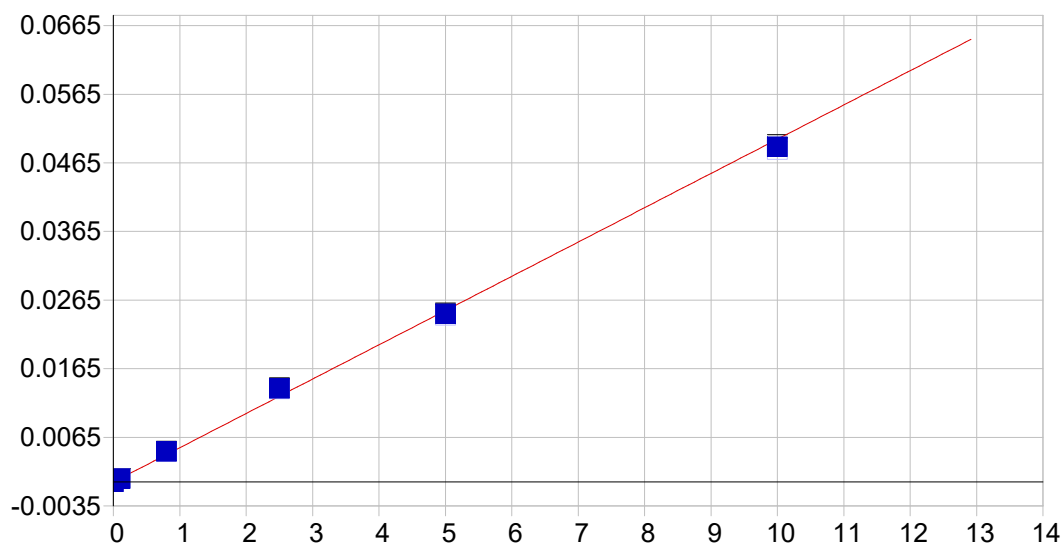


**Cu 224.700 {450}**

Date of Fit: 2/14/2025 14:25:01 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000599 Re-Slope: 1.000000  
 A1 (Gain): 0.691327 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.998834 Status: OK.  
 Std Error of Est: 0.000396  
 Predicted MDL: 0.000455  
 Predicted MQL: 0.001516

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | -.00060 | .000    | 1        |
| S1        | .02000       | .02112      | .001       | 5.59    | .01418  | .000    | 1        |
| S3        | .62500       | .67730      | .052       | 8.37    | .47175  | .001    | 1        |
| S4        | 1.2500       | 1.2358      | -.014      | -1.14   | .86198  | .004    | 1        |
| S5        | 2.5000       | 2.4310      | -.069      | -2.76   | 1.6965  | .007    | 1        |
| S2        | .20000       | .22979      | .030       | 14.9    | .15958  | .000    | 1        |

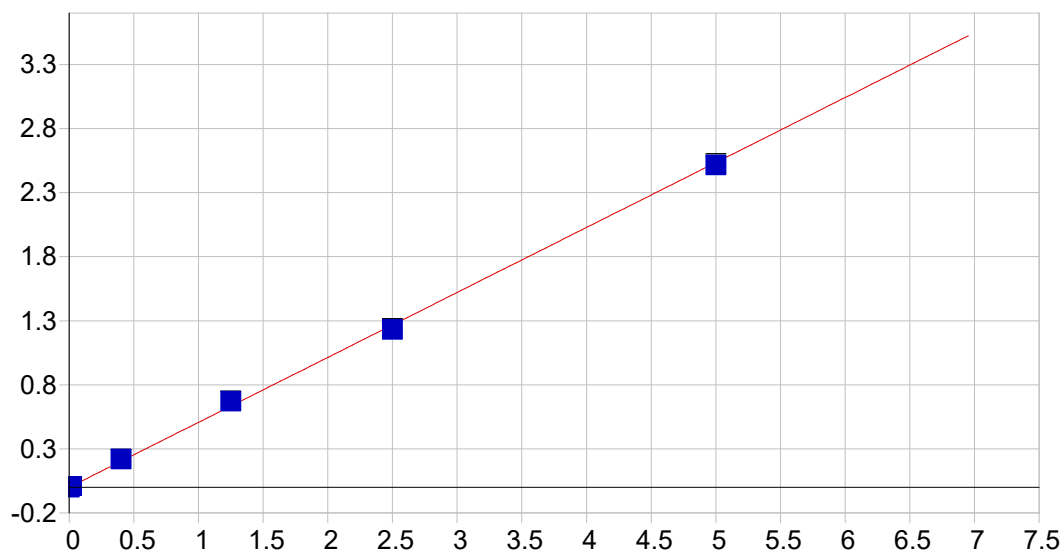


**Fe 240.488 {140}**

Date of Fit: 2/14/2025 14:25:01 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000012 Re-Slope: 1.000000  
 A1 (Gain): 0.004996 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.998961 Status: OK.  
 Std Error of Est: 0.000012  
 Predicted MDL: 0.005801  
 Predicted MQL: 0.019336

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00002     | -.000      | .000    | -.00001 | .000    | 1        |
| S1        | .10000       | .09896      | -.001      | -1.04   | .00048  | .000    | 1        |
| S3        | 2.5000       | 2.7301      | .230       | 9.21    | .01352  | .000    | 1        |
| S4        | 5.0000       | 4.9034      | -.097      | -1.93   | .02427  | .000    | 1        |
| S5        | 10.000       | 9.7794      | -.221      | -2.21   | .04842  | .000    | 1        |
| S2        | .80000       | .88809      | .088       | 11.0    | .00439  | .000    | 1        |

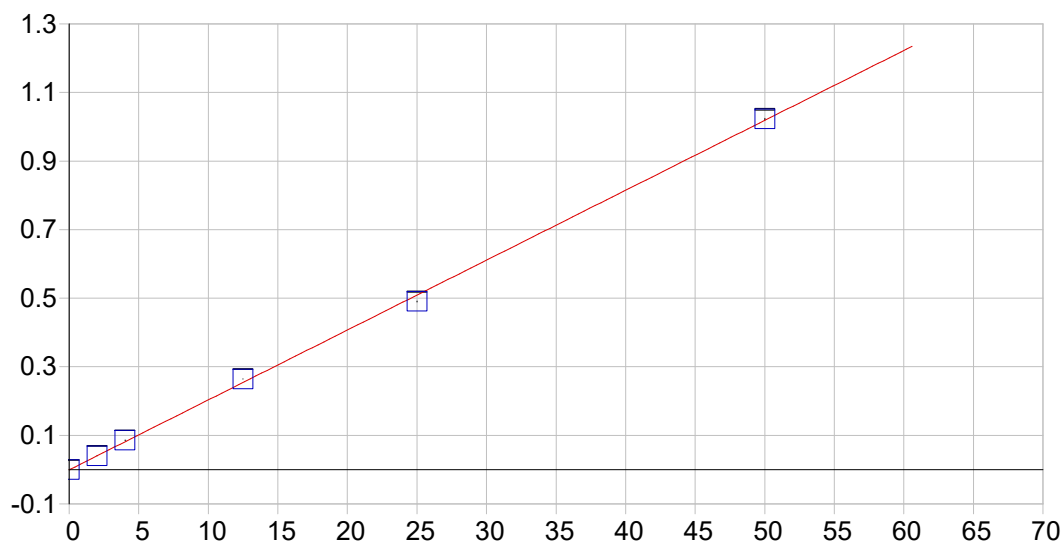


**Mn 257.610 {131}**

Date of Fit: 2/14/2025 14:25:01      Type of Fit: Linear      Weighting: 1/Conc

|                   |           |           |          |
|-------------------|-----------|-----------|----------|
| A0 (Offset):      | -0.000088 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 0.507101  | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000  |           |          |
| n (Exponent):     | 1.000000  |           |          |
| Correlation:      | 0.999482  | Status:   | OK.      |
| Std Error of Est: | 0.000271  |           |          |
| Predicted MDL:    | 0.000445  |           |          |
| Predicted MQL:    | 0.001484  |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | -.00009 | .000    | 1        |
| S1        | .02000       | .01994      | -.000      | -.301   | .01003  | .000    | 1        |
| S3        | 1.2500       | 1.3257      | .076       | 6.06    | .67230  | .000    | 1        |
| S4        | 2.5000       | 2.4303      | -.070      | -2.79   | 1.2326  | .007    | 1        |
| S5        | 5.0000       | 4.9614      | -.039      | -.773   | 2.5163  | .010    | 1        |
| S2        | .40000       | .43273      | .033       | 8.18    | .21939  | .001    | 1        |

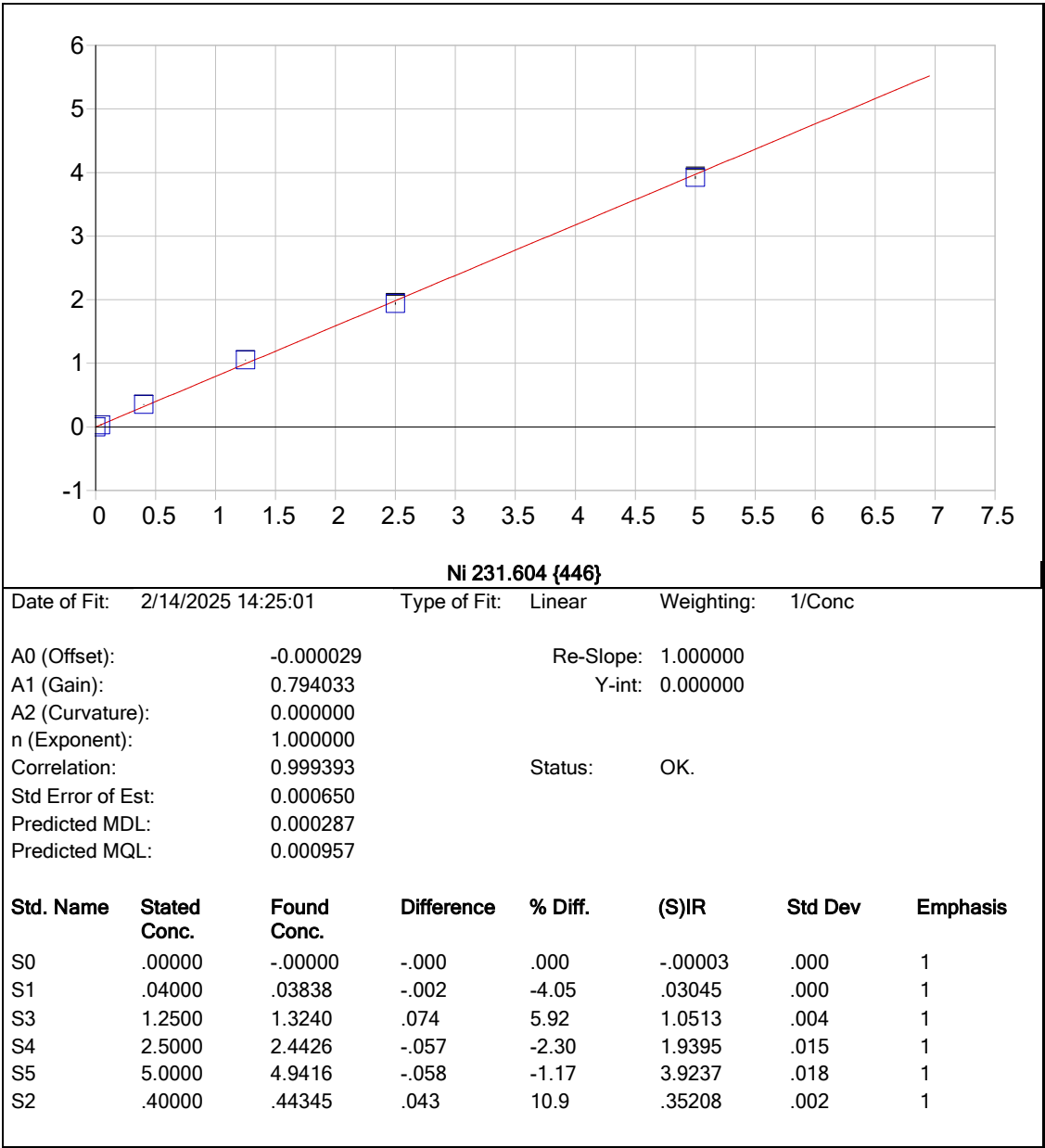


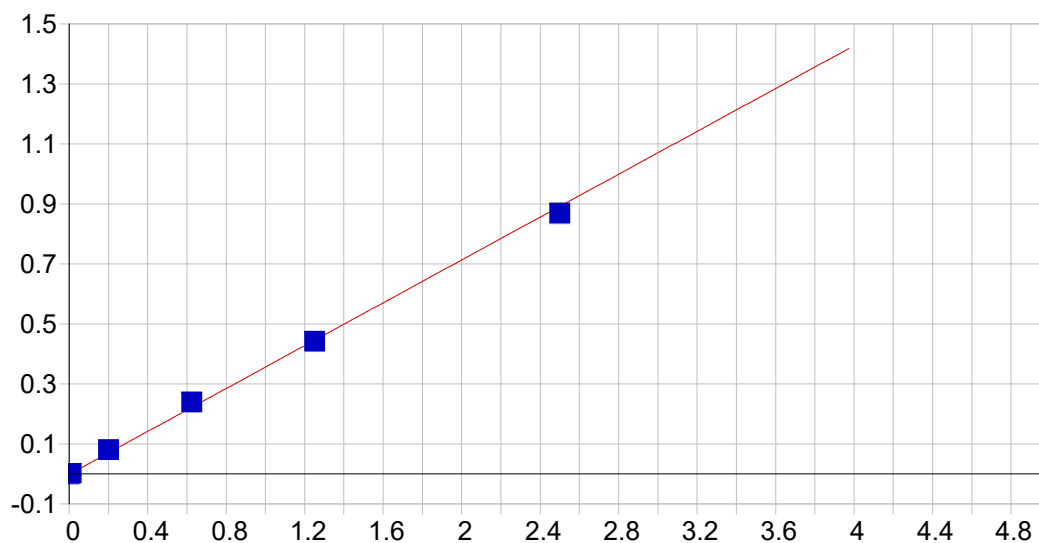
### Mg 279.079 {121}

Date of Fit: 2/14/2025 14:25:01 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000550 Re-Slope: 1.000000  
 A1 (Gain): 0.020384 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999646 Status: OK.  
 Std Error of Est: 0.000287  
 Predicted MDL: 0.013249  
 Predicted MQL: 0.044163

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00014     | -.000      | .000    | -.00055 | .000    | 1        |
| S2        | 4.0000       | 4.2242      | .224       | 5.60    | .08555  | .000    | 1        |
| S3        | 12.500       | 12.993      | .493       | 3.94    | .26429  | .001    | 1        |
| S4        | 25.000       | 24.086      | -.914      | -3.65   | .49042  | .002    | 1        |
| S5        | 50.000       | 50.184      | .184       | .369    | 1.0224  | .002    | 1        |
| S1        | 2.0000       | 2.0121      | .012       | .607    | .04046  | .000    | 1        |



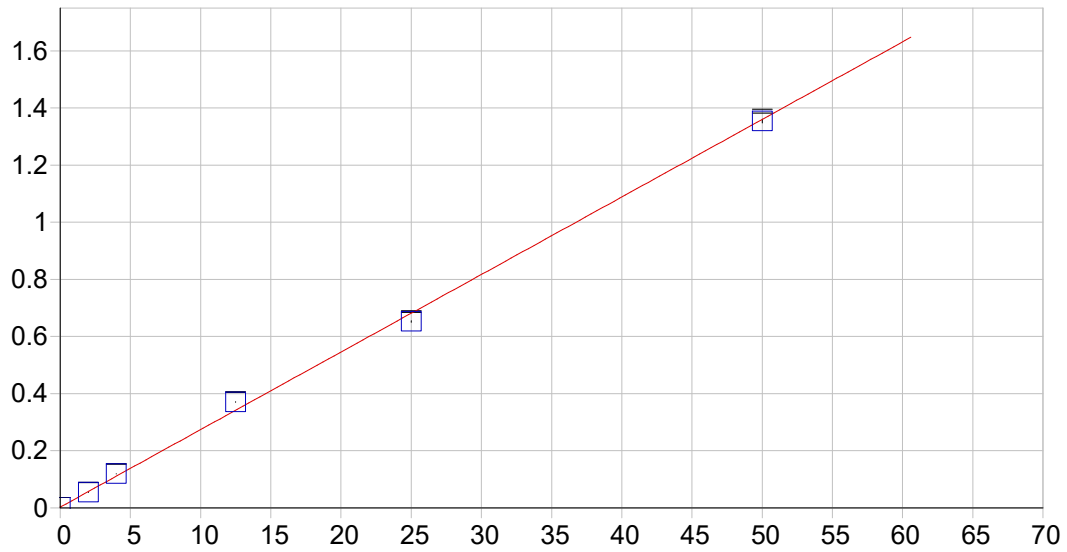


Ag 328.068 {103}

Date of Fit: 2/14/2025 14:25:01 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001199 Re-Slope: 1.000000  
 A1 (Gain): 0.357191 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.998990 Status: OK.  
 Std Error of Est: 0.000133  
 Predicted MDL: 0.000366  
 Predicted MQL: 0.001221

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | -.00120 | .000    | 1        |
| S1        | .01000       | .01018      | .000       | 1.79    | .00241  | .000    | 1        |
| S3        | .62500       | .67256      | .048       | 7.61    | .23815  | .000    | 1        |
| S4        | 1.2500       | 1.2401      | -.010      | -.791   | .43998  | .000    | 1        |
| S5        | 2.5000       | 2.4346      | -.065      | -2.62   | .86488  | .001    | 1        |
| S2        | .20000       | .22754      | .028       | 13.8    | .07979  | .000    | 1        |

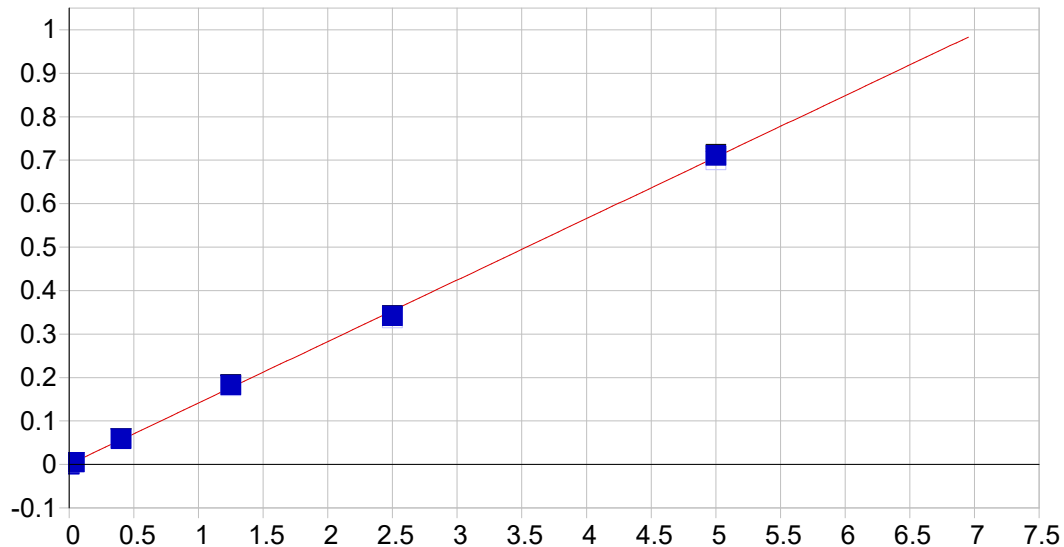


**Na 589.592 { 57}**

Date of Fit: 2/14/2025 14:25:01 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.002850 Re-Slope: 1.000000  
 A1 (Gain): 0.027144 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999136 Status: OK.  
 Std Error of Est: 0.000597  
 Predicted MDL: 0.008246  
 Predicted MQL: 0.027487

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00013     | -.000      | .000    | .00285 | .000    | 1        |
| S2        | 4.0000       | 4.3036      | .304       | 7.59    | .11967 | .001    | 1        |
| S3        | 12.500       | 13.549      | 1.05       | 8.39    | .37062 | .001    | 1        |
| S4        | 25.000       | 23.939      | -1.06      | -4.24   | .65265 | .002    | 1        |
| S5        | 50.000       | 49.807      | -.193      | -.386   | 1.3548 | .007    | 1        |
| S1        | 2.0000       | 1.9013      | -.099      | -4.93   | .05446 | .000    | 1        |

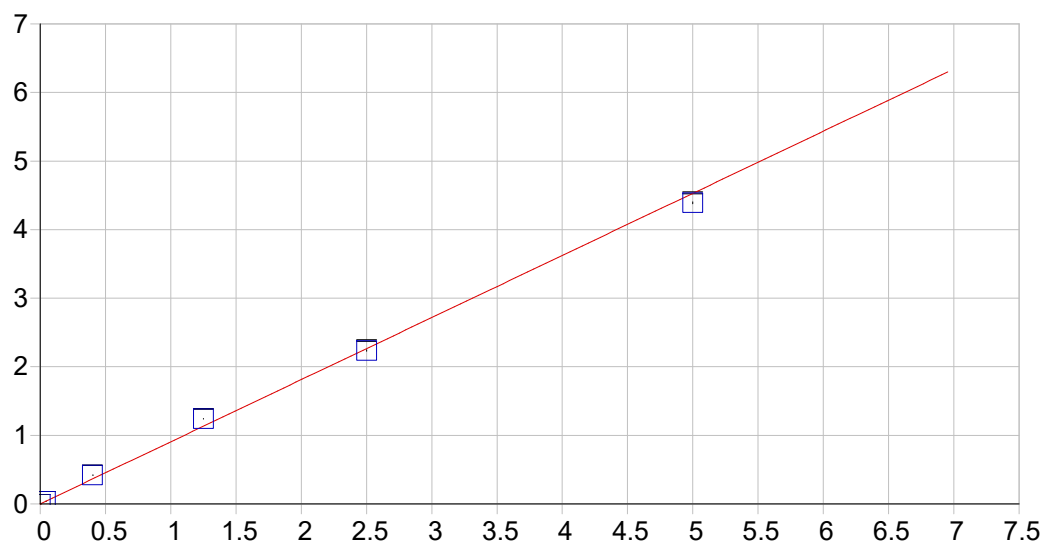


**V 292.402 {115}**

Date of Fit: 2/14/2025 14:25:01 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000007 Re-Slope: 1.000000  
 A1 (Gain): 0.141416 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999677 Status: OK.  
 Std Error of Est: 0.000083  
 Predicted MDL: 0.001932  
 Predicted MQL: 0.006441

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | .00001 | .000    | 1        |
| S1        | .04000       | .03706      | -.003      | -7.36   | .00504 | .000    | 1        |
| S3        | 1.2500       | 1.2935      | .043       | 3.48    | .18035 | .000    | 1        |
| S4        | 2.5000       | 2.4146      | -.085      | -3.42   | .33632 | .001    | 1        |
| S5        | 5.0000       | 5.0249      | .025       | .498    | .70029 | .003    | 1        |
| S2        | .40000       | .41991      | .020       | 4.98    | .05856 | .000    | 1        |

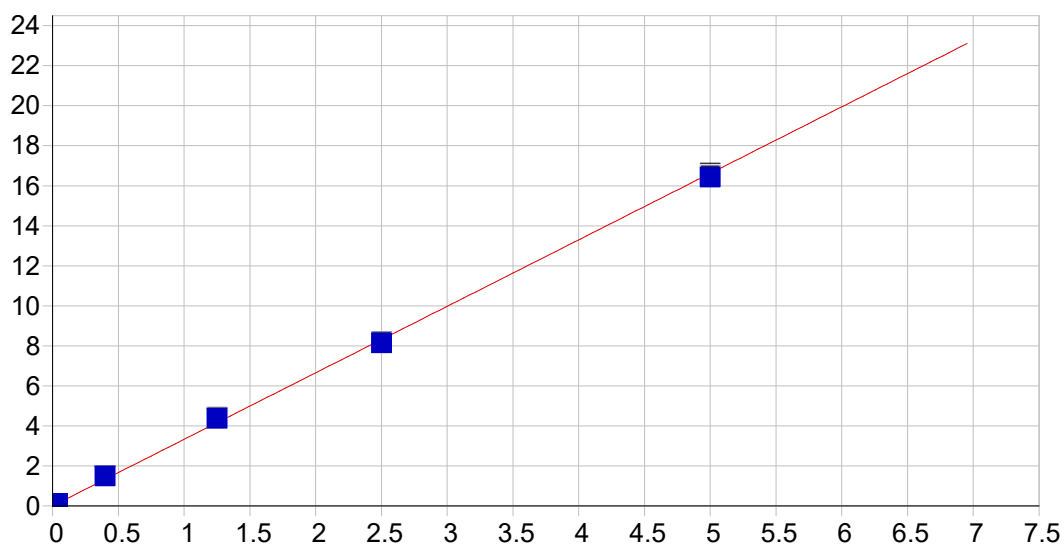


**Zn 206.200 {464}**

Date of Fit: 2/14/2025 14:25:01      Type of Fit: Linear      Weighting: 1/Conc

|                   |          |           |          |
|-------------------|----------|-----------|----------|
| A0 (Offset):      | 0.000315 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 0.905805 | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000 |           |          |
| n (Exponent):     | 1.000000 |           |          |
| Correlation:      | 0.998571 | Status:   | OK.      |
| Std Error of Est: | 0.001138 |           |          |
| Predicted MDL:    | 0.000213 |           |          |
| Predicted MQL:    | 0.000712 |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00001     | -.000      | .000    | .00031 | .000    | 1        |
| S1        | .04000       | .04140      | .001       | 3.51    | .03782 | .000    | 1        |
| S3        | 1.2500       | 1.3687      | .119       | 9.49    | 1.2401 | .004    | 1        |
| S4        | 2.5000       | 2.4693      | -.031      | -1.23   | 2.2370 | .013    | 1        |
| S5        | 5.0000       | 4.8475      | -.153      | -3.05   | 4.3912 | .016    | 1        |
| S2        | .40000       | .46316      | .063       | 15.8    | .41984 | .002    | 1        |

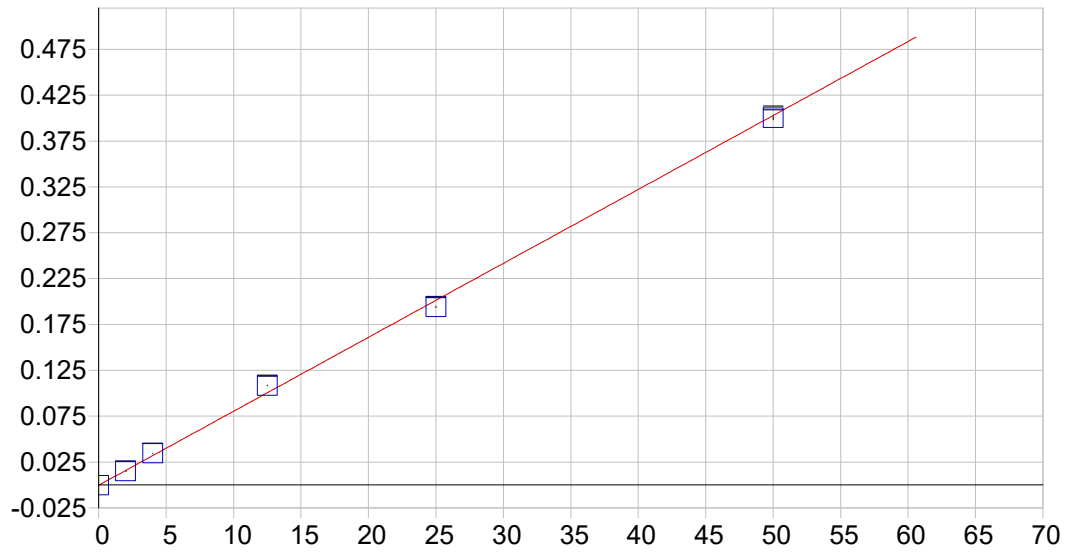


### Zn 213.856 {158}

Date of Fit: 2/14/2025 14:25:01 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.003095 Re-Slope: 1.000000  
 A1 (Gain): 3.323619 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999440 Status: OK.  
 Std Error of Est: 0.002628  
 Predicted MDL: 0.000275  
 Predicted MQL: 0.000916

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | .00308 | .000    | 1        |
| S1        | .04000       | .03920      | -.001      | -2.00   | .13428 | .001    | 1        |
| S3        | 1.2500       | 1.3136      | .064       | 5.09    | 4.3971 | .026    | 1        |
| S4        | 2.5000       | 2.4483      | -.052      | -2.07   | 8.1967 | .008    | 1        |
| S5        | 5.0000       | 4.9422      | -.058      | -1.16   | 16.542 | .086    | 1        |
| S2        | .40000       | .44666      | .047       | 11.7    | 1.4966 | .009    | 1        |

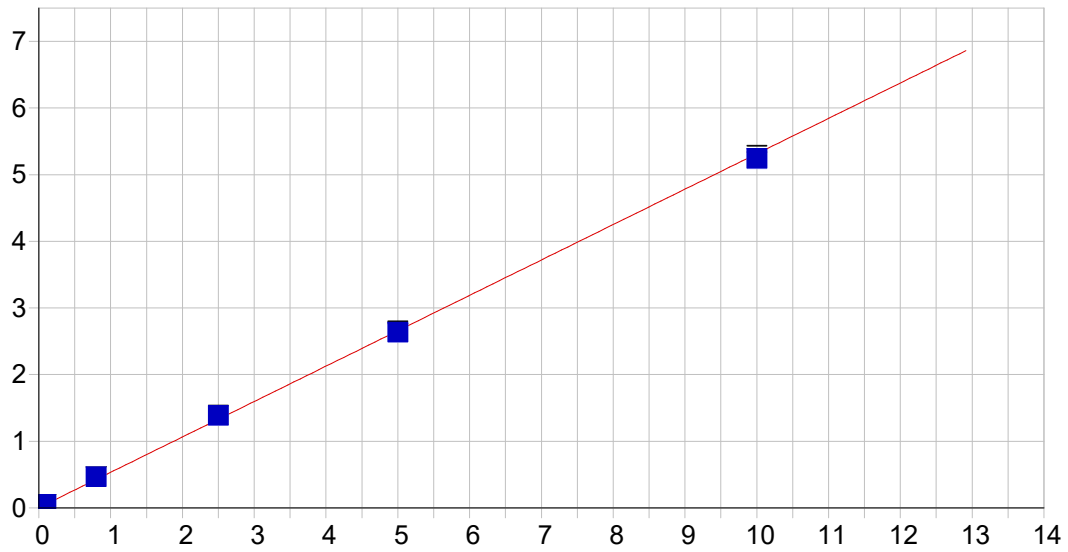


K 766.490 { 44}

Date of Fit: 2/14/2025 14:25:01 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000294 Re-Slope: 1.000000  
 A1 (Gain): 0.008064 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999252 Status: OK.  
 Std Error of Est: 0.000165  
 Predicted MDL: 0.033022  
 Predicted MQL: 0.110072

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00014     | -.000      | .000    | -.00030 | .000    | 1        |
| S2        | 4.0000       | 4.3149      | .315       | 7.87    | .03450  | .000    | 1        |
| S3        | 12.500       | 13.485      | .985       | 7.88    | .10844  | .001    | 1        |
| S4        | 25.000       | 24.111      | -.889      | -3.56   | .19413  | .001    | 1        |
| S5        | 50.000       | 49.679      | -.321      | -.643   | .40030  | .002    | 1        |
| S1        | 2.0000       | 1.9112      | -.089      | -4.44   | .01512  | .000    | 1        |

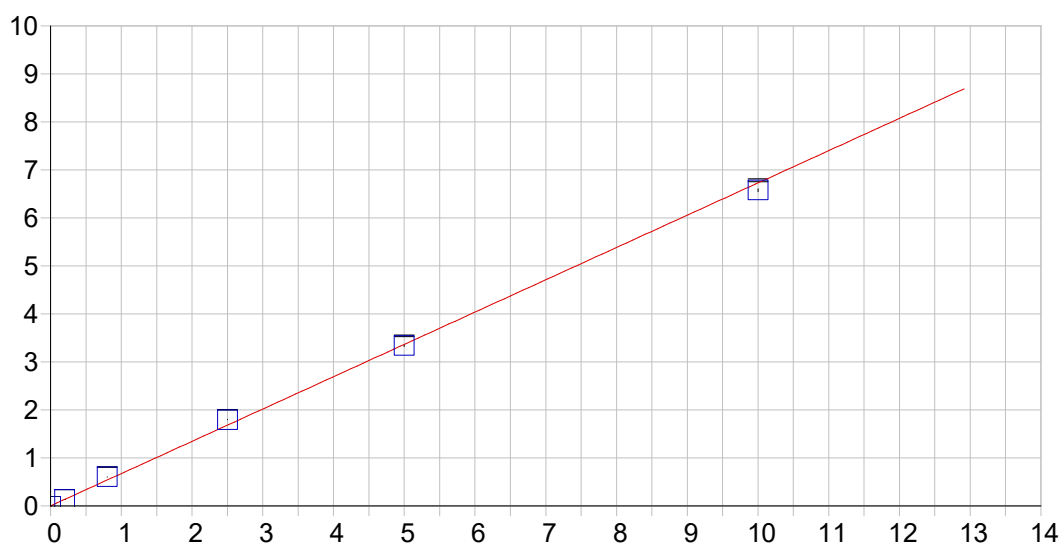


**B 249.678 {135}**

Date of Fit: 2/14/2025 14:25:01 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.002834 Re-Slope: 1.000000  
 A1 (Gain): 0.531093 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999636 Status: OK.  
 Std Error of Est: 0.000751  
 Predicted MDL: 0.000678  
 Predicted MQL: 0.002261

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00001     | -.000      | .000    | .00283 | .000    | 1        |
| S1        | .10000       | .09715      | -.003      | -2.85   | .05420 | .000    | 1        |
| S3        | 2.5000       | 2.6041      | .104       | 4.16    | 1.3832 | .007    | 1        |
| S4        | 5.0000       | 4.9583      | -.042      | -.834   | 2.6310 | .017    | 1        |
| S5        | 10.000       | 9.8666      | -.133      | -1.33   | 5.2326 | .048    | 1        |
| S2        | .80000       | .87382      | .074       | 9.23    | .46608 | .001    | 1        |

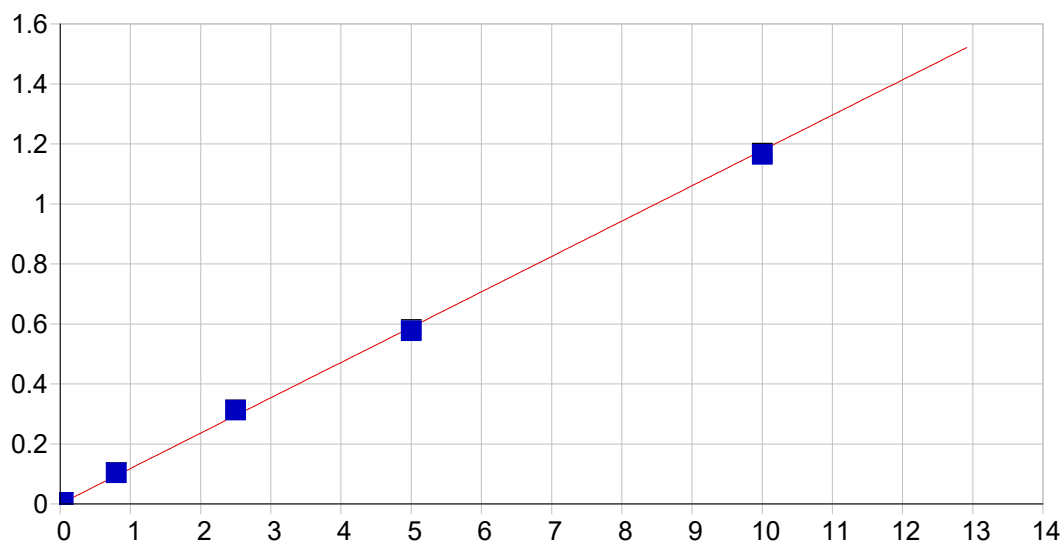


### Mo 202.030 {467}

Date of Fit: 2/14/2025 14:25:01      Type of Fit: Linear      Weighting: 1/Conc

|                   |          |           |          |
|-------------------|----------|-----------|----------|
| A0 (Offset):      | 0.000185 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 0.672888 | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000 |           |          |
| n (Exponent):     | 1.000000 |           |          |
| Correlation:      | 0.999213 | Status:   | OK.      |
| Std Error of Est: | 0.001988 |           |          |
| Predicted MDL:    | 0.000303 |           |          |
| Predicted MQL:    | 0.001009 |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00003     | -.000      | .000    | .00017 | .000    | 1        |
| S1        | .20000       | .19642      | -.004      | -1.79   | .13235 | .000    | 1        |
| S3        | 2.5000       | 2.6689      | .169       | 6.76    | 1.7961 | .006    | 1        |
| S4        | 5.0000       | 4.9593      | -.041      | -.813   | 3.3373 | .016    | 1        |
| S5        | 10.000       | 9.7761      | -.224      | -2.24   | 6.5784 | .029    | 1        |
| S2        | .80000       | .89921      | .099       | 12.4    | .60525 | .002    | 1        |

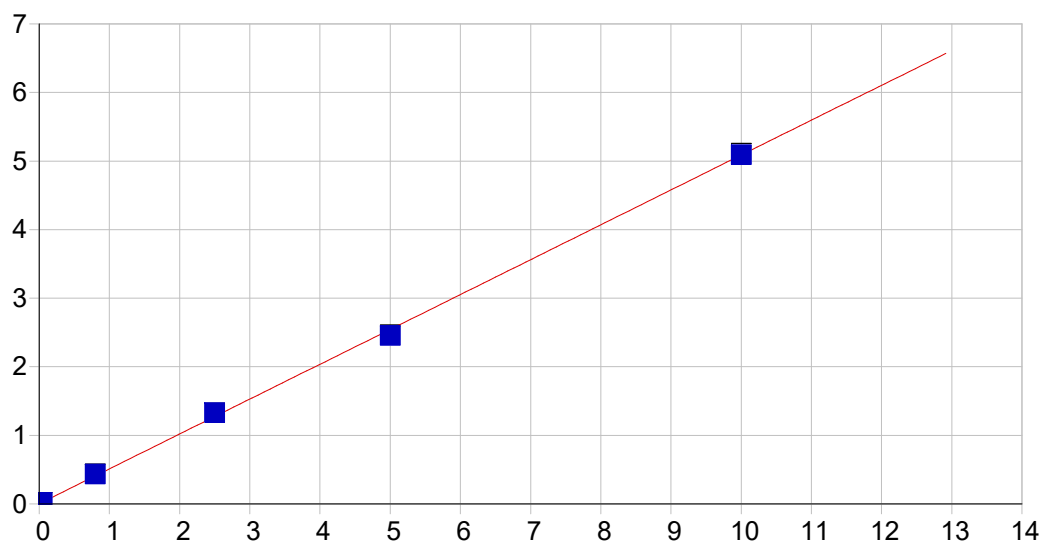


**Sn 189.989 {478}**

Date of Fit: 2/14/2025 14:25:01      Type of Fit: Linear      Weighting: 1/Conc

|                   |          |           |          |
|-------------------|----------|-----------|----------|
| A0 (Offset):      | 0.000154 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 0.117800 | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000 |           |          |
| n (Exponent):     | 1.000000 |           |          |
| Correlation:      | 0.999479 | Status:   | OK.      |
| Std Error of Est: | 0.000126 |           |          |
| Predicted MDL:    | 0.000823 |           |          |
| Predicted MQL:    | 0.002743 |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | .00015 | .000    | 1        |
| S1        | .04000       | .03758      | -.002      | -6.06   | .00458 | .000    | 1        |
| S3        | 2.5000       | 2.6479      | .148       | 5.92    | .31178 | .001    | 1        |
| S4        | 5.0000       | 4.8945      | -.105      | -2.11   | .57613 | .004    | 1        |
| S5        | 10.000       | 9.8869      | -.113      | -1.13   | 1.1636 | .004    | 1        |
| S2        | .80000       | .87303      | .073       | 9.13    | .10290 | .000    | 1        |

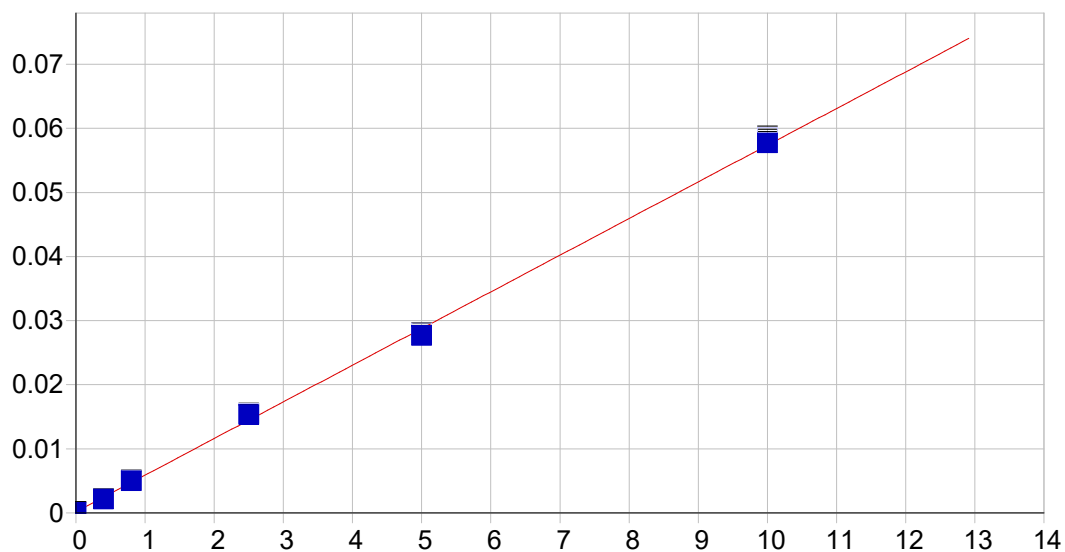


**Ti 336.121 {100}**

Date of Fit: 2/14/2025 14:25:01 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.002276 Re-Slope: 1.000000  
 A1 (Gain): 0.508473 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999625 Status: OK.  
 Std Error of Est: 0.000462  
 Predicted MDL: 0.000774  
 Predicted MQL: 0.002580

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | .00227 | .000    | 1        |
| S1        | .04000       | .04043      | .000       | 1.07    | .02282 | .000    | 1        |
| S3        | 2.5000       | 2.6136      | .114       | 4.55    | 1.3308 | .001    | 1        |
| S4        | 5.0000       | 4.8275      | -.172      | -3.45   | 2.4560 | .009    | 1        |
| S5        | 10.000       | 10.013      | .013       | .127    | 5.0916 | .019    | 1        |
| S2        | .80000       | .84575      | .046       | 5.72    | .43217 | .000    | 1        |

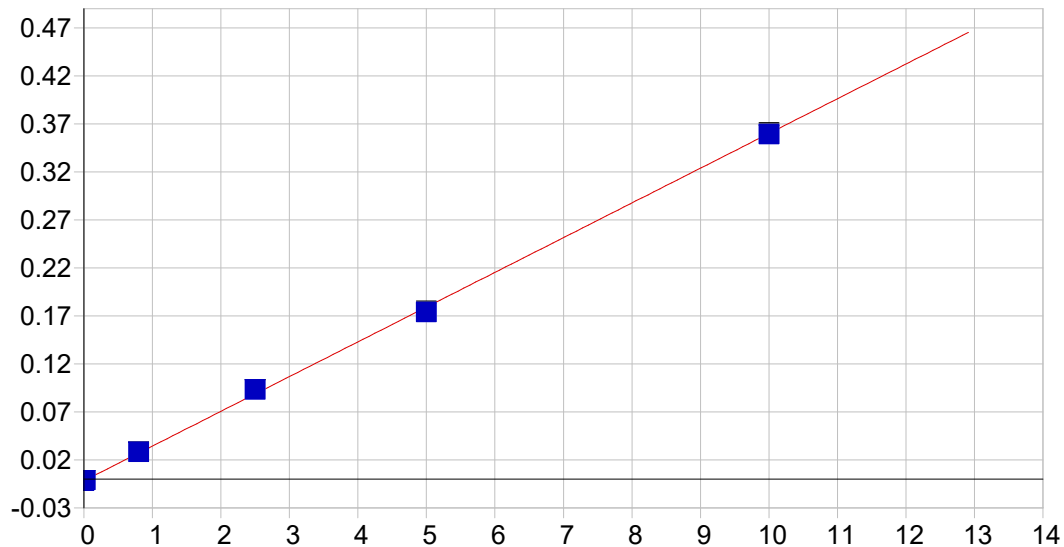


**Si 288.158 {117}**

Date of Fit: 2/14/2025 14:25:01      Type of Fit: Linear      Weighting: 1/Conc

|                   |          |           |          |
|-------------------|----------|-----------|----------|
| A0 (Offset):      | 0.000171 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 0.005720 | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000 |           |          |
| n (Exponent):     | 1.000000 |           |          |
| Correlation:      | 0.999281 | Status:   | OK.      |
| Std Error of Est: | 0.000023 |           |          |
| Predicted MDL:    | 0.009180 |           |          |
| Predicted MQL:    | 0.030599 |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00002      | .000       | .000    | .00017 | .000    | 1        |
| S1        | .40000       | .34330      | -.057      | -14.2   | .00214 | .000    | 1        |
| S3        | 2.5000       | 2.6491      | .149       | 5.96    | .01554 | .000    | 1        |
| S4        | 5.0000       | 4.8027      | -.197      | -3.95   | .02807 | .000    | 1        |
| S5        | 10.000       | 10.058      | .058       | .581    | .05857 | .000    | 1        |
| S2        | .80000       | .84607      | .046       | 5.76    | .00508 | .000    | 1        |

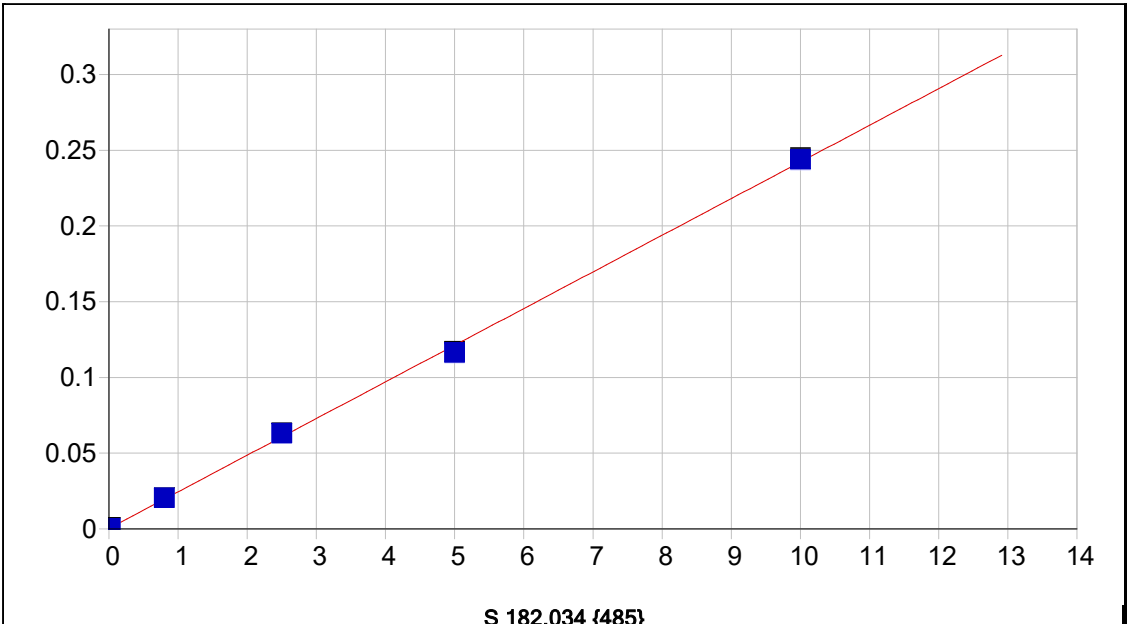


P 177.495 {490}

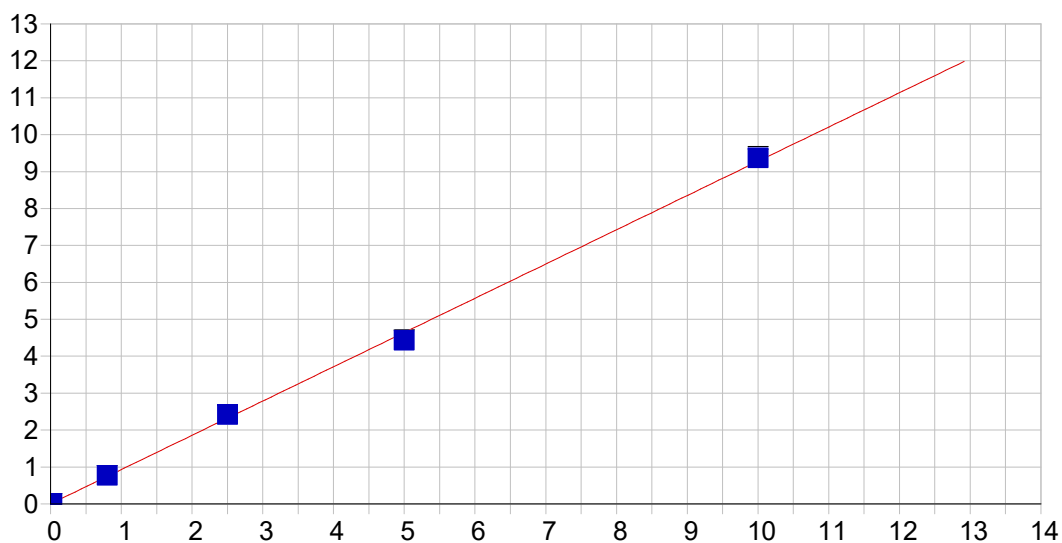
Date of Fit: 2/14/2025 14:25:01 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001747 Re-Slope: 1.000000  
 A1 (Gain): 0.036178 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999681 Status: OK.  
 Std Error of Est: 0.000021  
 Predicted MDL: 0.002557  
 Predicted MQL: 0.008524

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | -.00175 | .000    | 1        |
| S1        | .02000       | .02081      | .001       | 4.07    | -.00099 | .000    | 1        |
| S3        | 2.5000       | 2.6238      | .124       | 4.95    | .09317  | .000    | 1        |
| S4        | 5.0000       | 4.8580      | -.142      | -2.84   | .17398  | .001    | 1        |
| S5        | 10.000       | 9.9832      | -.017      | -.168   | .35937  | .001    | 1        |
| S2        | .80000       | .83416      | .034       | 4.27    | .02843  | .000    | 1        |



|                                 |              |                     |            |                   |        |         |          |
|---------------------------------|--------------|---------------------|------------|-------------------|--------|---------|----------|
| Date of Fit: 2/14/2025 14:25:01 |              | Type of Fit: Linear |            | Weighting: 1/Conc |        |         |          |
| A0 (Offset): 0.000276           |              | Re-Slope: 1.000000  |            |                   |        |         |          |
| A1 (Gain): 0.024199             |              | Y-int: 0.000000     |            |                   |        |         |          |
| A2 (Curvature): 0.000000        |              |                     |            |                   |        |         |          |
| n (Exponent): 1.000000          |              |                     |            |                   |        |         |          |
| Correlation: 0.999603           |              | Status: OK.         |            |                   |        |         |          |
| Std Error of Est: 0.000016      |              |                     |            |                   |        |         |          |
| Predicted MDL: 0.003654         |              |                     |            |                   |        |         |          |
| Predicted MQL: 0.012180         |              |                     |            |                   |        |         |          |
|                                 |              |                     |            |                   |        |         |          |
| Std. Name                       | Stated Conc. | Found Conc.         | Difference | % Diff.           | (S)IR  | Std Dev | Emphasis |
| S0                              | .00000       | .00000              | .000       | .000              | .00028 | .000    | 1        |
| S1                              | .02000       | .01876              | -.001      | -6.20             | .00071 | .000    | 1        |
| S3                              | 2.5000       | 2.5981              | .098       | 3.92              | .06299 | .000    | 1        |
| S4                              | 5.0000       | 4.7964              | -.204      | -4.07             | .11603 | .001    | 1        |
| S5                              | 10.000       | 10.069              | .069       | .690              | .24330 | .001    | 1        |
| S2                              | .80000       | .83767              | .038       | 4.71              | .02050 | .000    | 1        |

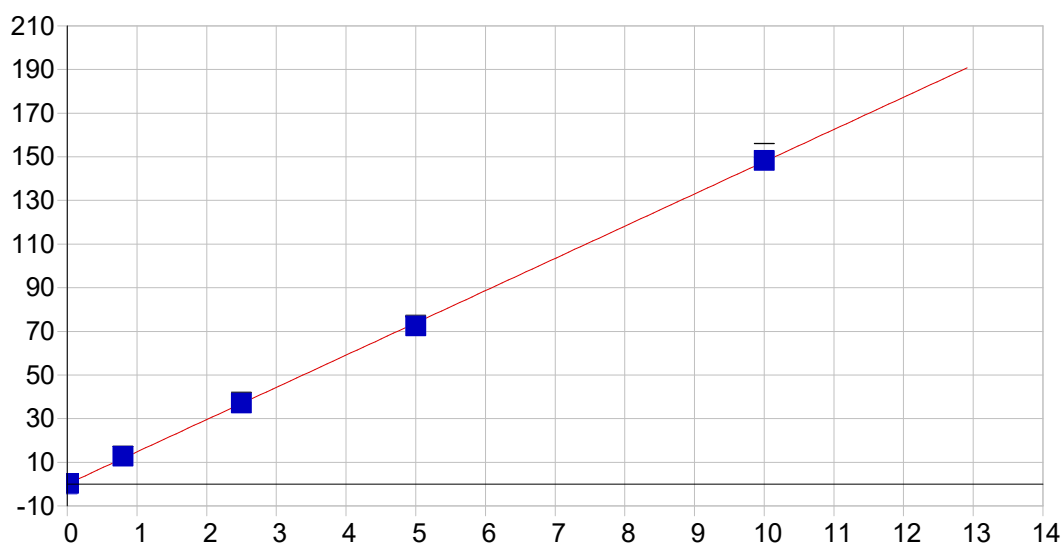


Li 670.784 { 50}

Date of Fit: 2/14/2025 14:25:01 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.002994 Re-Slope: 1.000000  
A1 (Gain): 0.927679 Y-int: 0.000000  
A2 (Curvature): 0.000000  
n (Exponent): 1.000000  
Correlation: 0.999553 Status: OK.  
Std Error of Est: 0.000651  
Predicted MDL: 0.001259  
Predicted MQL: 0.004197

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | .00300 | .001    | 1        |
| S5        | 10.000       | 10.098      | .098       | .978    | 9.3788 | .033    | 1        |
| S4        | 5.0000       | 4.7750      | -.225      | -4.50   | 4.4368 | .016    | 1        |
| S3        | 2.5000       | 2.6028      | .103       | 4.11    | 2.4196 | .001    | 1        |
| S1        | .02000       | .01784      | -.002      | -10.8   | .01988 | .001    | 1        |
| S2        | .80000       | .82670      | .027       | 3.34    | .77057 | .002    | 1        |

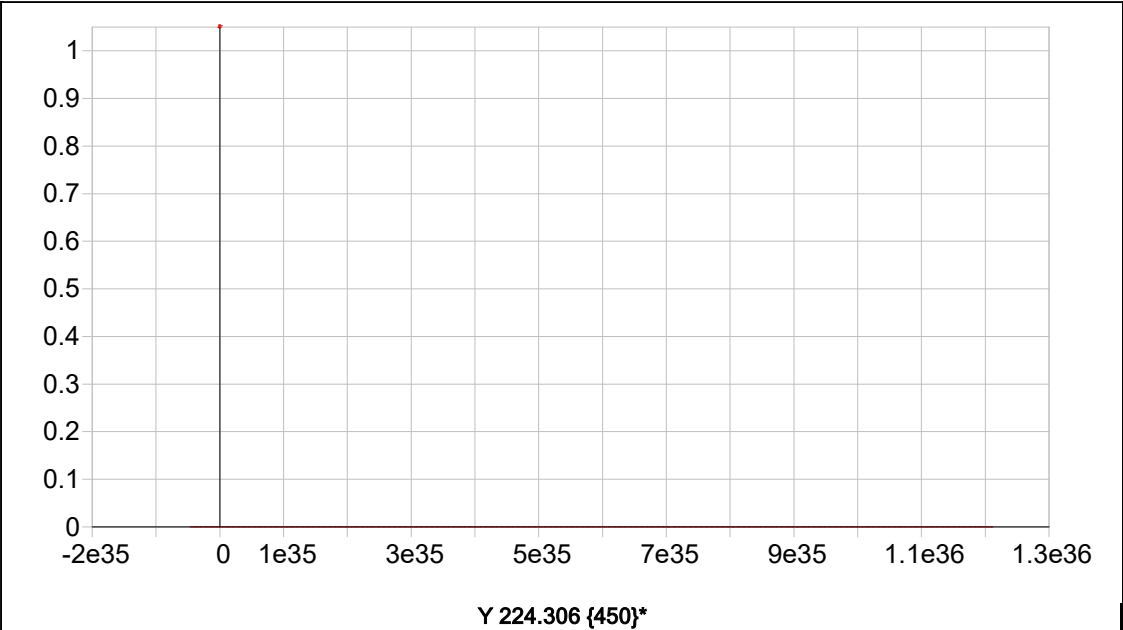


**Sr 407.771 { 83}**

Date of Fit: 2/14/2025 14:25:01 Type of Fit: Linear Weighting: 1/Conc

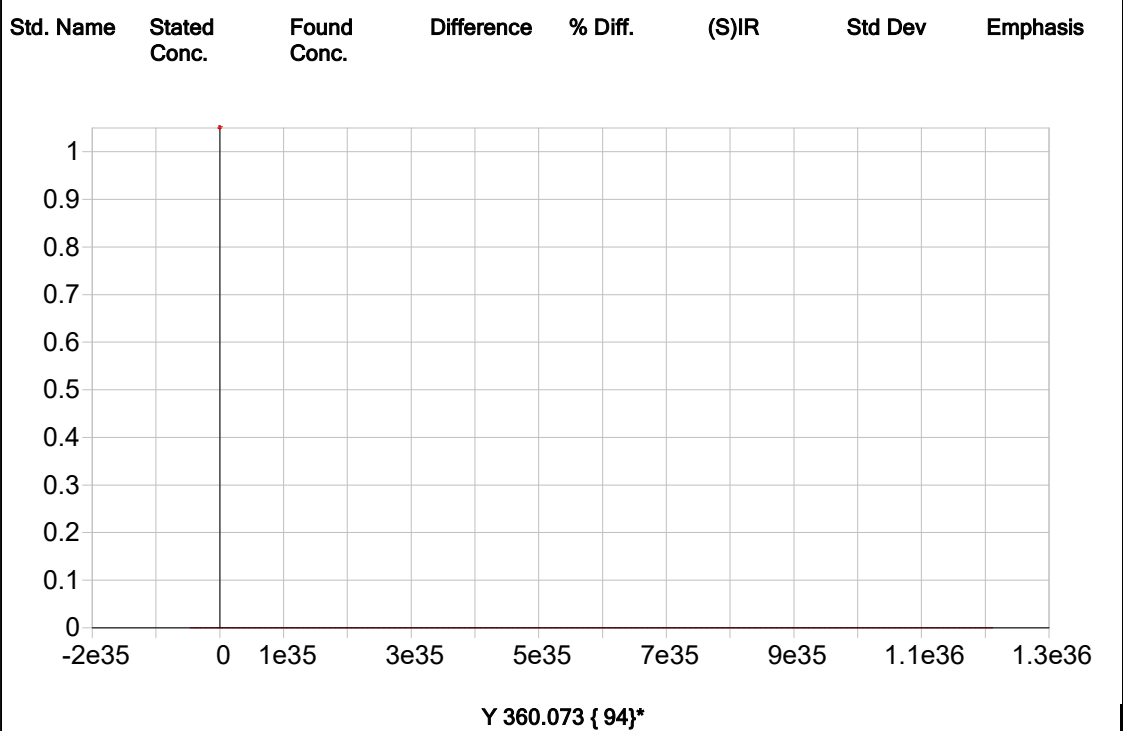
A0 (Offset): -0.000481 Re-Slope: 1.000000  
 A1 (Gain): 14.774889 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999801 Status: OK.  
 Std Error of Est: 0.006915  
 Predicted MDL: 0.000047  
 Predicted MQL: 0.000157

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | -.00048 | .001    | 1        |
| S1        | .02000       | .01841      | -.002      | -7.96   | .27298  | .001    | 1        |
| S3        | 2.5000       | 2.5106      | .011       | .423    | 37.130  | .392    | 1        |
| S4        | 5.0000       | 4.8981      | -.102      | -2.04   | 72.442  | .416    | 1        |
| S5        | 10.000       | 10.030      | .030       | .299    | 148.34  | 3.23    | 1        |
| S2        | .80000       | .86306      | .063       | 7.88    | 12.763  | .037    | 1        |



Date of Fit: 2/14/2025 14:25:01      Type of Fit: Linear      Weighting: 1/Conc

|                   |          |           |                        |
|-------------------|----------|-----------|------------------------|
| A0 (Offset):      | 0.000000 | Re-Slope: | 1.000000               |
| A1 (Gain):        | 0.000000 | Y-int:    | 0.000000               |
| A2 (Curvature):   | 0.000000 |           |                        |
| n (Exponent):     | 1.000000 |           |                        |
| Correlation:      | 0.000000 | Status:   | Warning      Zero Gain |
| Std Error of Est: | 0.000000 |           |                        |
| Predicted MDL:    | n/a      |           |                        |
| Predicted MQL:    | n/a      |           |                        |



Date of Fit: <not fit>      Type of Fit: Linear      Weighting: 1/Conc

|              |          |           |          |
|--------------|----------|-----------|----------|
| A0 (Offset): | 0.000000 | Re-Slope: | 1.000000 |
| A1 (Gain):   | 0.000000 | Y-int:    | 0.000000 |





**Y 224.306 {150}\***

| Date of Fit:      | <not fit> | Type of Fit: | Linear    | Weighting: | 1/Conc    |
|-------------------|-----------|--------------|-----------|------------|-----------|
| A0 (Offset):      | 0.000000  |              | Re-Slope: | 1.000000   |           |
| A1 (Gain):        | 0.000000  |              | Y-int:    | 0.000000   |           |
| A2 (Curvature):   | 0.000000  |              |           |            |           |
| n (Exponent):     | 1.000000  |              |           |            |           |
| Correlation:      | 0.000000  |              | Status:   | Warning    | Zero Gain |
| Std Error of Est: | 0.000000  |              |           |            |           |
| Predicted MDL:    | n/a       |              |           |            |           |
| Predicted MQL:    | n/a       |              |           |            |           |

**In 230.606 {446}\***

|                   |              |             |            |         |         |           |          |
|-------------------|--------------|-------------|------------|---------|---------|-----------|----------|
| A2 (Curvature):   |              | 0.000000    |            |         |         |           |          |
| n (Exponent):     |              | 1.000000    |            |         |         |           |          |
| Correlation:      |              | 0.000000    |            | Status: | Warning | Zero Gain |          |
| Std Error of Est: |              | 0.000000    |            |         |         |           |          |
| Predicted MDL:    |              | n/a         |            |         |         |           |          |
| Predicted MQL:    |              | n/a         |            |         |         |           |          |
| Std. Name         | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev   | Emphasis |

Sample Name: S0      Acquired: 2/14/2025 10:31:06      Type: Cal  
Method: NON EPA-6010-200.7(v2695)      Mode: IR      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |         |         |         |         |         |         |         |         |
|--------|---------|---------|---------|---------|---------|---------|---------|---------|
| Elem   | As1890  | Tl1908  | Pb2203  | Se1960  | Sb2068  | Al3961  | Ba4934  | Be2348  |
| Units  | Cts/S   | Cts/S   | Cts/S   | Cts/S   | Cts/S   | Cts/S   | Cts/S   | Cts/S   |
| Avg    | -.00014 | .00021  | -.00020 | .00040  | .00030  | -.00001 | .06361  | -.00018 |
| Stddev | .00014  | .00005  | .00002  | .00005  | .00015  | .00031  | .00130  | .00013  |
| %RSD   | 101.72  | 21.605  | 8.2059  | 12.071  | 50.611  | 2194.9  | 2.0440  | 70.378  |
| #1     | -.00018 | .00022  | -.00018 | .00045  | .00045  | .00013  | .06256  | -.00033 |
| #2     | .00002  | .00025  | -.00019 | .00039  | .00014  | -.00037 | .06506  | -.00007 |
| #3     | -.00027 | .00016  | -.00021 | .00036  | .00031  | .00020  | .06320  | -.00015 |
| Elem   | Cd2265  | Ca3736  | Cr2677  | Co2286  | Cu2247  | Fe2404  | Mn2576  | Mg2790  |
| Units  | Cts/S   | Cts/S   | Cts/S   | Cts/S   | Cts/S   | Cts/S   | Cts/S   | Cts/S   |
| Avg    | .00008  | .00058  | .00003  | .00002  | -.00060 | -.00001 | -.00009 | -.00055 |
| Stddev | .00013  | .00020  | .00005  | .00018  | .00016  | .00002  | .00011  | .00012  |
| %RSD   | 160.88  | 34.098  | 156.09  | 1192.4  | 26.985  | 148.76  | 120.38  | 21.055  |
| #1     | .00023  | .00081  | -.00000 | .00015  | -.00043 | -.00003 | .00003  | -.00069 |
| #2     | .00004  | .00049  | .00008  | .00009  | -.00063 | -.00001 | -.00011 | -.00050 |
| #3     | -.00003 | .00045  | .00001  | -.00019 | -.00075 | .00001  | -.00018 | -.00047 |
| Elem   | Ni2316  | Ag3280  | Na5895  | V_2924  | Zn2138  | K_7664  | B_2496  | Mo2020  |
| Units  | Cts/S   | Cts/S   | Cts/S   | Cts/S   | Cts/S   | Cts/S   | Cts/S   | Cts/S   |
| Avg    | -.00003 | -.00120 | .00285  | .00001  | .00308  | -.00030 | .00283  | .00017  |
| Stddev | .00015  | .00003  | .00006  | .00021  | .00036  | .00021  | .00022  | .00008  |
| %RSD   | 475.36  | 2.8071  | 2.0592  | 3106.9  | 11.624  | 70.346  | 7.8450  | 48.391  |
| #1     | -.00021 | -.00119 | .00280  | .00024  | .00318  | -.00006 | .00259  | .00010  |
| #2     | .00007  | -.00117 | .00291  | -.00016 | .00268  | -.00047 | .00302  | .00015  |
| #3     | .00004  | -.00124 | .00283  | -.00006 | .00338  | -.00035 | .00288  | .00025  |
| Elem   | Sn1899  | Ti3361  | Si2881  | P_1774  | S_1820  | Li6707  | Sr4077  |         |
| Units  | Cts/S   | Cts/S   | Cts/S   | Cts/S   | Cts/S   | Cts/S   | Cts/S   |         |
| Avg    | .00015  | .00227  | .00017  | -.00175 | .00028  | .00300  | -.00048 |         |
| Stddev | .00004  | .00043  | .00003  | .00005  | .00006  | .00070  | .00052  |         |
| %RSD   | 23.469  | 18.945  | 18.700  | 2.9620  | 22.051  | 23.300  | 108.67  |         |
| #1     | .00020  | .00217  | .00014  | -.00169 | .00028  | .00372  | -.00105 |         |
| #2     | .00013  | .00275  | .00020  | -.00178 | .00022  | .00294  | -.00035 |         |
| #3     | .00014  | .00190  | .00017  | -.00177 | .00034  | .00232  | -.00004 |         |

Sample Name: S0      Acquired: 2/14/2025 10:31:06      Type: Cal  
Method: NON EPA-6010-200.7(v2695)      Mode: IR      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|           |        |        |        |        |        |
|-----------|--------|--------|--------|--------|--------|
| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
| Units     | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  |
| Avg       | 2953.8 | 56143. | 10017. | 1939.0 | 4615.9 |
| Stddev    | 4.8    | 138.   | 22.    | 5.0    | 7.0    |
| %RSD      | .16346 | .24643 | .21703 | .25863 | .15112 |
| #1        | 2948.3 | 56142. | 10014. | 1944.5 | 4611.7 |
| #2        | 2955.5 | 56005. | 9996.5 | 1934.6 | 4624.0 |
| #3        | 2957.5 | 56282. | 10040. | 1937.8 | 4612.1 |

Sample Name: S1      Acquired: 2/14/2025 10:35:30      Type: Cal  
Method: NON EPA-6010-200.7(v2695)      Mode: IR      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |         |        |        |        |        |
|--------|--------|--------|--------|---------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960  | Sb2068 | Al3961 | Ba4934 | Be2348 |
| Units  | Cts/S  | Cts/S  | Cts/S  | Cts/S   | Cts/S  | Cts/S  | Cts/S  | Cts/S  |
| Avg    | .00099 | .00239 | .00265 | .00189  | .00870 | .01384 | .42360 | .03000 |
| Stddev | .00003 | .00012 | .00027 | .00012  | .00028 | .00033 | .00127 | .00017 |
| %RSD   | 3.4290 | 5.0904 | 10.136 | 6.0878  | 3.1661 | 2.3780 | .29944 | .55619 |
| #1     | .00097 | .00227 | .00285 | .00182  | .00840 | .01346 | .42308 | .02981 |
| #2     | .00098 | .00237 | .00235 | .00183  | .00877 | .01401 | .42505 | .03012 |
| #3     | .00103 | .00252 | .00277 | .00203  | .00893 | .01405 | .42268 | .03006 |
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286  | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | Cts/S  | Cts/S  | Cts/S  | Cts/S   | Cts/S  | Cts/S  | Cts/S  | Cts/S  |
| Avg    | .01355 | .11780 | .00178 | .02434  | .01418 | .00048 | .01003 | .04046 |
| Stddev | .00012 | .00028 | .00002 | .00009  | .00005 | .00001 | .00013 | .00018 |
| %RSD   | .89704 | .23608 | 1.3939 | .35073  | .32457 | 2.0628 | 1.2722 | .44476 |
| #1     | .01344 | .11784 | .00178 | .02426  | .01417 | .00047 | .00995 | .04026 |
| #2     | .01353 | .11806 | .00176 | .02443  | .01414 | .00047 | .00996 | .04059 |
| #3     | .01368 | .11751 | .00181 | .02434  | .01423 | .00049 | .01017 | .04055 |
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924  | Zn2138 | K_7664 | B_2496 | Mo2020 |
| Units  | Cts/S  | Cts/S  | Cts/S  | Cts/S   | Cts/S  | Cts/S  | Cts/S  | Cts/S  |
| Avg    | .03045 | .00241 | .05446 | .00504  | .13428 | .01512 | .05420 | .13235 |
| Stddev | .00004 | .00003 | .00041 | .00031  | .00083 | .00016 | .00043 | .00014 |
| %RSD   | .12305 | 1.0463 | .74869 | 6.1382  | .61560 | 1.0338 | .79236 | .10222 |
| #1     | .03043 | .00243 | .05400 | .00538  | .13368 | .01494 | .05444 | .13238 |
| #2     | .03049 | .00238 | .05477 | .00479  | .13523 | .01524 | .05446 | .13221 |
| #3     | .03042 | .00243 | .05460 | .00493  | .13394 | .01517 | .05371 | .13248 |
| Elem   | Sn1899 | Ti3361 | Si2881 | P_1774  | S_1820 | Li6707 | Sr4077 |        |
| Units  | Cts/S  | Cts/S  | Cts/S  | Cts/S   | Cts/S  | Cts/S  | Cts/S  |        |
| Avg    | .00458 | .02282 | .00214 | -.00099 | .00071 | .01988 | .27298 |        |
| Stddev | .00004 | .00047 | .00004 | .00005  | .00003 | .00070 | .00088 |        |
| %RSD   | .83255 | 2.0638 | 1.7416 | 5.0425  | 4.4552 | 3.5316 | .32318 |        |
| #1     | .00462 | .02288 | .00215 | -.00105 | .00071 | .01996 | .27314 |        |
| #2     | .00455 | .02232 | .00217 | -.00097 | .00068 | .02053 | .27377 |        |
| #3     | .00456 | .02325 | .00210 | -.00096 | .00074 | .01914 | .27202 |        |

Sample Name: S1      Acquired: 2/14/2025 10:35:30      Type: Cal  
Method: NON EPA-6010-200.7(v2695)      Mode: IR      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|           |        |        |        |        |        |
|-----------|--------|--------|--------|--------|--------|
| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
| Units     | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  |
| Avg       | 2977.8 | 56194. | 10028. | 1922.5 | 4629.8 |
| Stddev    | 2.8    | 167.   | 50.    | 12.6   | 4.9    |
| %RSD      | .09287 | .29645 | .50233 | .65757 | .10569 |
| #1        | 2975.0 | 56339. | 10036. | 1914.0 | 4635.4 |
| #2        | 2980.5 | 56012. | 9974.4 | 1916.5 | 4627.4 |
| #3        | 2977.9 | 56232. | 10074. | 1937.1 | 4626.5 |

Sample Name: S2      Acquired: 2/14/2025 10:39:51      Type: Cal  
Method: NON EPA-6010-200.7(v2695)      Mode: IR      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 |
| Units  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  |
| Avg    | .04805 | .05289 | .21212 | .06863 | .15017 | .23387 | 6.4352 | .23730 |
| Stddev | .00023 | .00052 | .00060 | .00014 | .00085 | .00053 | .0160  | .00060 |
| %RSD   | .47165 | .97621 | .28429 | .20806 | .56377 | .22812 | .24938 | .25123 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .04779 | .05233 | .21177 | .06847 | .14933 | .23424 | 6.4179 | .23720 |
| #2 | .04817 | .05301 | .21178 | .06872 | .15017 | .23412 | 6.4496 | .23676 |
| #3 | .04820 | .05334 | .21282 | .06871 | .15102 | .23326 | 6.4381 | .23794 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  |
| Avg    | 1.0102 | .26667 | .03375 | .37524 | .15958 | .00439 | .21939 | .08555 |
| Stddev | .0041  | .00070 | .00009 | .00138 | .00025 | .00003 | .00116 | .00003 |
| %RSD   | .40464 | .26084 | .26012 | .36701 | .15805 | .65300 | .52936 | .03925 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 1.0066 | .26744 | .03382 | .37418 | .15938 | .00441 | .21806 | .08556 |
| #2 | 1.0093 | .26609 | .03365 | .37476 | .15949 | .00441 | .21987 | .08558 |
| #3 | 1.0147 | .26648 | .03377 | .37680 | .15986 | .00436 | .22023 | .08552 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | B_2496 | Mo2020 |
| Units  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  |
| Avg    | .35208 | .07979 | .11967 | .05856 | 1.4966 | .03450 | .46608 | .60525 |
| Stddev | .00208 | .00017 | .00054 | .00039 | .0090  | .00024 | .00144 | .00227 |
| %RSD   | .58974 | .21557 | .44906 | .66325 | .60385 | .68990 | .30965 | .37572 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .35120 | .07970 | .12021 | .05823 | 1.5068 | .03454 | .46487 | .60280 |
| #2 | .35060 | .07999 | .11966 | .05899 | 1.4896 | .03425 | .46570 | .60568 |
| #3 | .35446 | .07969 | .11913 | .05848 | 1.4935 | .03472 | .46768 | .60728 |

|        |        |        |        |        |        |        |        |  |
|--------|--------|--------|--------|--------|--------|--------|--------|--|
| Elem   | Sn1899 | Ti3361 | Si2881 | P_1774 | S_1820 | Li6707 | Sr4077 |  |
| Units  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  |  |
| Avg    | .10290 | .43217 | .00508 | .02843 | .02050 | .77057 | 12.763 |  |
| Stddev | .00045 | .00039 | .00005 | .00009 | .00013 | .00207 | .037   |  |
| %RSD   | .43983 | .09110 | .93372 | .32366 | .64437 | .26844 | .29094 |  |

|    |        |        |        |        |        |        |        |  |
|----|--------|--------|--------|--------|--------|--------|--------|--|
| #1 | .10266 | .43206 | .00512 | .02834 | .02036 | .76818 | 12.784 |  |
| #2 | .10262 | .43261 | .00503 | .02843 | .02050 | .77182 | 12.785 |  |
| #3 | .10342 | .43185 | .00509 | .02852 | .02063 | .77170 | 12.720 |  |

Sample Name: S2      Acquired: 2/14/2025 10:39:51      Type: Cal  
Method: NON EPA-6010-200.7(v2695)      Mode: IR      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|-----------|--------|--------|--------|--------|--------|
| Units     | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  |
| Avg       | 2919.4 | 55130. | 9789.4 | 1871.1 | 4457.3 |
| Stddev    | 9.6    | 115.   | 17.0   | 4.6    | 18.1   |
| %RSD      | .32847 | .20942 | .17407 | .24699 | .40681 |
| #1        | 2927.7 | 55021. | 9806.3 | 1865.7 | 4469.1 |
| #2        | 2921.6 | 55116. | 9789.5 | 1873.5 | 4466.3 |
| #3        | 2908.9 | 55251. | 9772.3 | 1874.0 | 4436.4 |

Sample Name: S3      Acquired: 2/14/2025 10:43:55      Type: Cal  
Method: NON EPA-6010-200.7(v2695)      Mode: IR      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 |
| Units  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  |
| Avg    | .14459 | .16049 | .63835 | .20442 | .44850 | .71845 | 19.733 | .70706 |
| Stddev | .00045 | .00081 | .00083 | .00033 | .00211 | .00048 | .011   | .00452 |
| %RSD   | .31017 | .50680 | .13061 | .16272 | .46961 | .06616 | .05773 | .63960 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .14470 | .16078 | .63816 | .20444 | .44802 | .71894 | 19.733 | .71112 |
| #2 | .14410 | .16111 | .63763 | .20408 | .44667 | .71840 | 19.721 | .70219 |
| #3 | .14498 | .15957 | .63926 | .20474 | .45081 | .71800 | 19.744 | .70787 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  |
| Avg    | 3.0386 | .81906 | .10010 | 1.1242 | .47175 | .01352 | .67230 | .26429 |
| Stddev | .0102  | .00039 | .00012 | .0039  | .00126 | .00007 | .00040 | .00064 |
| %RSD   | .33595 | .04766 | .11552 | .34886 | .26606 | .50943 | .05946 | .24110 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 3.0436 | .81910 | .10020 | 1.1247 | .47218 | .01347 | .67249 | .26408 |
| #2 | 3.0269 | .81865 | .09997 | 1.1200 | .47034 | .01349 | .67184 | .26379 |
| #3 | 3.0454 | .81943 | .10012 | 1.1278 | .47274 | .01360 | .67257 | .26501 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | B_2496 | Mo2020 |
| Units  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  |
| Avg    | 1.0513 | .23815 | .37062 | .18035 | 4.3971 | .10844 | 1.3832 | 1.7961 |
| Stddev | .0041  | .00041 | .00146 | .00036 | .0262  | .00065 | .0067  | .0056  |
| %RSD   | .38610 | .17092 | .39518 | .19819 | .59544 | .59837 | .48700 | .30981 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 1.0539 | .23857 | .36916 | .18045 | 4.4255 | .10769 | 1.3895 | 1.7969 |
| #2 | 1.0466 | .23776 | .37209 | .17995 | 4.3739 | .10881 | 1.3761 | 1.7902 |
| #3 | 1.0533 | .23812 | .37062 | .18064 | 4.3920 | .10882 | 1.3841 | 1.8012 |

|        |        |        |        |        |        |        |        |  |
|--------|--------|--------|--------|--------|--------|--------|--------|--|
| Elem   | Sn1899 | Ti3361 | Si2881 | P_1774 | S_1820 | Li6707 | Sr4077 |  |
| Units  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  |  |
| Avg    | .31178 | 1.3308 | .01554 | .09317 | .06299 | 2.4196 | 37.130 |  |
| Stddev | .00079 | .0010  | .00004 | .00022 | .00021 | .0012  | .392   |  |
| %RSD   | .25439 | .07745 | .24362 | .23275 | .32703 | .04978 | 1.0560 |  |

|    |        |        |        |        |        |        |        |  |
|----|--------|--------|--------|--------|--------|--------|--------|--|
| #1 | .31160 | 1.3308 | .01551 | .09300 | .06321 | 2.4187 | 37.097 |  |
| #2 | .31109 | 1.3298 | .01558 | .09309 | .06281 | 2.4191 | 37.538 |  |
| #3 | .31265 | 1.3318 | .01553 | .09341 | .06295 | 2.4210 | 36.756 |  |

Sample Name: S3      Acquired: 2/14/2025 10:43:55      Type: Cal  
Method: NON EPA-6010-200.7(v2695)      Mode: IR      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|-----------|--------|--------|--------|--------|--------|
| Units     | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  |
| Avg       | 2863.9 | 54177. | 9684.7 | 1840.7 | 4281.2 |
| Stddev    | 11.1   | 77.    | 30.3   | 5.0    | 16.3   |
| %RSD      | .38690 | .14215 | .31258 | .27102 | .38117 |
| #1        | 2856.5 | 54247. | 9658.6 | 1835.3 | 4270.1 |
| #2        | 2876.6 | 54094. | 9717.9 | 1845.0 | 4299.9 |
| #3        | 2858.5 | 54189. | 9677.5 | 1842.0 | 4273.6 |

Sample Name: S4      Acquired: 2/14/2025 10:48:02      Type: Cal  
Method: NON EPA-6010-200.7(v2695)      Mode: IR      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 |
| Units  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  |
| Avg    | .26543 | .29369 | 1.1720 | .37042 | .82762 | 1.3414 | 36.383 | 1.3381 |
| Stddev | .00115 | .00152 | .0072  | .00212 | .00384 | .0070  | .361   | .0095  |
| %RSD   | .43301 | .51732 | .61443 | .57118 | .46375 | .52481 | .99171 | .71145 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .26513 | .29193 | 1.1702 | .36948 | .82690 | 1.3339 | 35.969 | 1.3303 |
| #2 | .26446 | .29456 | 1.1658 | .36893 | .82418 | 1.3425 | 36.630 | 1.3351 |
| #3 | .26670 | .29457 | 1.1799 | .37284 | .83176 | 1.3478 | 36.550 | 1.3487 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  |
| Avg    | 5.6250 | 1.5022 | .18421 | 2.0863 | .86198 | .02427 | 1.2326 | .49042 |
| Stddev | .0420  | .0052  | .00027 | .0162  | .00434 | .00015 | .0066  | .00165 |
| %RSD   | .74738 | .34363 | .14806 | .77860 | .50324 | .62296 | .53469 | .33550 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 5.6085 | 1.4966 | .18433 | 2.0801 | .86142 | .02437 | 1.2262 | .48879 |
| #2 | 5.5938 | 1.5031 | .18440 | 2.0740 | .85794 | .02434 | 1.2321 | .49039 |
| #3 | 5.6728 | 1.5068 | .18390 | 2.1047 | .86657 | .02410 | 1.2394 | .49208 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | B_2496 | Mo2020 |
| Units  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  |
| Avg    | 1.9395 | .43998 | .65265 | .33632 | 8.1967 | .19413 | 2.6310 | 3.3373 |
| Stddev | .0148  | .00019 | .00244 | .00134 | .0081  | .00067 | .0173  | .0159  |
| %RSD   | .76284 | .04342 | .37450 | .39760 | .09933 | .34557 | .65704 | .47651 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 1.9334 | .44009 | .65492 | .33491 | 8.1990 | .19408 | 2.6164 | 3.3328 |
| #2 | 1.9287 | .44009 | .65296 | .33645 | 8.2034 | .19482 | 2.6264 | 3.3241 |
| #3 | 1.9563 | .43976 | .65006 | .33758 | 8.1876 | .19348 | 2.6501 | 3.3549 |

|        |        |        |        |        |        |        |        |  |
|--------|--------|--------|--------|--------|--------|--------|--------|--|
| Elem   | Sn1899 | Ti3361 | Si2881 | P_1774 | S_1820 | Li6707 | Sr4077 |  |
| Units  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  |  |
| Avg    | .57613 | 2.4560 | .02807 | .17398 | .11603 | 4.4368 | 72.442 |  |
| Stddev | .00391 | .0090  | .00006 | .00108 | .00099 | .0157  | .416   |  |
| %RSD   | .67798 | .36568 | .19644 | .61827 | .85363 | .35444 | .57469 |  |

|    |        |        |        |        |        |        |        |  |
|----|--------|--------|--------|--------|--------|--------|--------|--|
| #1 | .57426 | 2.4466 | .02802 | .17349 | .11555 | 4.4232 | 72.192 |  |
| #2 | .57351 | 2.4571 | .02808 | .17323 | .11537 | 4.4333 | 72.923 |  |
| #3 | .58062 | 2.4644 | .02813 | .17521 | .11717 | 4.4540 | 72.212 |  |

Sample Name: S4      Acquired: 2/14/2025 10:48:02      Type: Cal  
Method: NON EPA-6010-200.7(v2695)      Mode: IR      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|-----------|--------|--------|--------|--------|--------|
| Units     | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  |
| Avg       | 2858.2 | 53601. | 9299.1 | 1785.1 | 4230.3 |
| Stddev    | 12.1   | 124.   | 43.5   | 1.6    | 27.4   |
| %RSD      | .42346 | .23199 | .46786 | .08859 | .64735 |
| #1        | 2860.6 | 53467. | 9323.7 | 1783.5 | 4244.3 |
| #2        | 2869.0 | 53622. | 9324.7 | 1785.1 | 4247.8 |
| #3        | 2845.1 | 53713. | 9248.9 | 1786.7 | 4198.7 |

Sample Name: S5      Acquired: 2/14/2025 10:52:15      Type: Cal  
Method: NON EPA-6010-200.7(v2695)      Mode: IR      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 |
| Units  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  |
| Avg    | .53739 | .57913 | 2.3686 | .74477 | 1.6643 | 2.8104 | 74.654 | 2.6612 |
| Stddev | .00304 | .00394 | .0080  | .00493 | .0079  | .0106  | .562   | .0222  |
| %RSD   | .56621 | .68057 | .33769 | .66220 | .47521 | .37795 | .75292 | .83432 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .53486 | .57463 | 2.3600 | .74115 | 1.6584 | 2.8121 | 74.367 | 2.6483 |
| #2 | .53653 | .58081 | 2.3699 | .74277 | 1.6611 | 2.8201 | 75.302 | 2.6869 |
| #3 | .54076 | .58196 | 2.3758 | .75038 | 1.6733 | 2.7991 | 74.294 | 2.6485 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  |
| Avg    | 11.422 | 3.0955 | .35981 | 4.2331 | 1.6965 | .04842 | 2.5163 | 1.0224 |
| Stddev | .045   | .0099  | .00040 | .0189  | .0066  | .00030 | .0099  | .0022  |
| %RSD   | .39155 | .32073 | .11243 | .44614 | .38743 | .62462 | .39489 | .21069 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 11.378 | 3.0948 | .35938 | 4.2152 | 1.6917 | .04861 | 2.5149 | 1.0213 |
| #2 | 11.421 | 3.1058 | .35986 | 4.2313 | 1.6937 | .04807 | 2.5269 | 1.0249 |
| #3 | 11.468 | 3.0859 | .36019 | 4.2528 | 1.7040 | .04858 | 2.5072 | 1.0210 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | B_2496 | Mo2020 |
| Units  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  |
| Avg    | 3.9237 | .86488 | 1.3548 | .70029 | 16.542 | .40030 | 5.2326 | 6.5784 |
| Stddev | .0175  | .00105 | .0067  | .00315 | .086   | .00211 | .0480  | .0290  |
| %RSD   | .44642 | .12114 | .49281 | .44927 | .52070 | .52610 | .91796 | .44142 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 3.9062 | .86468 | 1.3594 | .69996 | 16.507 | .40172 | 5.2197 | 6.5552 |
| #2 | 3.9238 | .86601 | 1.3471 | .70359 | 16.640 | .39788 | 5.2857 | 6.5690 |
| #3 | 3.9412 | .86394 | 1.3579 | .69733 | 16.478 | .40130 | 5.1922 | 6.6110 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Sn1899 | Ti3361 | Si2881 | P_1774 | S_1820 | Li6707 | Sr4077 |
| Units  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  |
| Avg    | 1.1636 | 5.0916 | .05857 | .35937 | .24330 | 9.3788 | 148.34 |
| Stddev | .0043  | .0191  | .00026 | .00134 | .00113 | .0326  | 3.23   |
| %RSD   | .37129 | .37579 | .44274 | .37386 | .46278 | .34714 | 2.1777 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | 1.1596 | 5.0938 | .05857 | .35784 | .24210 | 9.4026 | 146.76 |
| #2 | 1.1631 | 5.1096 | .05831 | .35994 | .24348 | 9.3921 | 152.05 |
| #3 | 1.1682 | 5.0715 | .05883 | .36034 | .24433 | 9.3417 | 146.20 |

Sample Name: S5      Acquired: 2/14/2025 10:52:15      Type: Cal  
Method: NON EPA-6010-200.7(v2695)      Mode: IR      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|-----------|--------|--------|--------|--------|--------|
| Units     | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  |
| Avg       | 2728.4 | 52479. | 8957.6 | 1689.6 | 3918.8 |
| Stddev    | 9.8    | 153.   | 66.9   | 6.9    | 13.6   |
| %RSD      | .35805 | .29123 | .74682 | .40820 | .34756 |
| #1        | 2736.7 | 52635. | 9004.3 | 1695.9 | 3933.1 |
| #2        | 2730.9 | 52474. | 8881.0 | 1682.3 | 3917.2 |
| #3        | 2717.7 | 52329. | 8987.6 | 1690.6 | 3906.0 |

Sample Name: ICV01      Acquired: 2/14/2025 12:22:10      Type: Unk  
Method: NON EPA-6010-200.7(v2695)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: ICV01      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.004979 | 1.040050 | .9875721 | 1.036104 | 1.009274 | 2.392625 | .5076212 |
| Stddev | .006817  | .006502  | .0071068 | .002902  | .002855  | .014774  | .0026804 |
| %RSD   | .6782906 | .6251745 | .7196229 | .2800438 | .2829059 | .6174956 | .5280348 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 1.001862 | 1.037936 | .9818048 | 1.036467 | 1.008471 | 2.377792 | .5045383 |
| #2 | 1.000278 | 1.047346 | .9853999 | 1.033038 | 1.006907 | 2.392743 | .5089247 |
| #3 | 1.012797 | 1.034867 | .9955114 | 1.038807 | 1.012445 | 2.407340 | .5094006 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .5142090 | .5056838 | 9.427374 | .5282504 | .5122130 | .5223926 | 9.693542 |
| Stddev | .0031280 | .0035285 | .059260  | .0030973 | .0027345 | .0016544 | .047121  |
| %RSD   | .6083160 | .6977712 | .6285935 | .5863381 | .5338635 | .3167051 | .4861068 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .5113376 | .5031471 | 9.374070 | .5273083 | .5101826 | .5214533 | 9.674249 |
| #2 | .5137473 | .5041910 | 9.416867 | .5257335 | .5111339 | .5214216 | 9.659130 |
| #3 | .5175423 | .5097134 | 9.491185 | .5317094 | .5153224 | .5243029 | 9.747248 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .4982571 | 6.163127 | .5151725 | .2535906 | 9.660633 | .5093603 | 1.075705 |
| Stddev | .0021733 | .040536  | .0033176 | .0010433 | .028311  | .0035305 | .007143  |
| %RSD   | .4361803 | .6577233 | .6439828 | .4114115 | .2930519 | .6931184 | .6640344 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .4959441 | 6.126409 | .5124026 | .2530044 | 9.638458 | .5054466 | 1.067643 |
| #2 | .4985706 | 6.156347 | .5142656 | .2529722 | 9.650920 | .5103291 | 1.078229 |
| #3 | .5002566 | 6.206626 | .5188492 | .2547952 | 9.692522 | .5123052 | 1.081243 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 9.520926 | 2.528416 | 2.457672 | 2.395029 | 2.477218 | 2.405016 | 2.620346 |
| Stddev | .053448  | .013728  | .009123  | .017220  | .013652  | .013042  | .011693  |
| %RSD   | .5613728 | .5429368 | .3711870 | .7189815 | .5510889 | .5422826 | .4462423 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 9.463880 | 2.515283 | 2.449713 | 2.383800 | 2.462446 | 2.409501 | 2.609724 |
| #2 | 9.529053 | 2.527296 | 2.455675 | 2.386432 | 2.479840 | 2.390323 | 2.618437 |
| #3 | 9.569845 | 2.542670 | 2.467627 | 2.414854 | 2.489369 | 2.415224 | 2.632876 |

Sample Name: ICV01      Acquired: 2/14/2025 12:22:10      Type: Unk  
Method: NON EPA-6010-200.7(v2695)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: ICV01      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | S_1820   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | 2.580533 | 2.508582 | 2.607095 |
| Stddev | .010944  | .014642  | .003393  |
| %RSD   | .4240923 | .5836631 | .1301404 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | 2.575437 | 2.492231 | 2.610730 |
| #2 | 2.573068 | 2.513032 | 2.604011 |
| #3 | 2.593096 | 2.520482 | 2.606545 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2774.787 | 53036.02 | 9665.751 | 1703.577 | 4179.457 |
| Stddev    | 11.945   | 152.33   | 47.414   | 7.659    | 25.746   |
| %RSD      | .4304701 | .2872177 | .4905355 | .4495729 | .6160167 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2781.969 | 53086.81 | 9709.916 | 1711.114 | 4197.671 |
| #2 | 2781.394 | 53156.48 | 9671.688 | 1703.815 | 4190.700 |
| #3 | 2760.999 | 52864.79 | 9615.647 | 1695.802 | 4150.002 |

Sample Name: LLICV01      Acquired: 2/14/2025 12:41:02      Type: Unk  
Method: NON EPA-6010-200.7(v2695)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: LLICV01      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0199087 | .0395568 | .0107654 | .0211280 | .0519334 | .0984716 |
| Stddev | .0023474 | .0007604 | .0004145 | .0007416 | .0006204 | .0042321 |
| %RSD   | 11.79100 | 1.922345 | 3.849853 | 3.510255 | 1.194539 | 4.297774 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0216208 | .0395896 | .0109130 | .0203235 | .0519439 | .0977416 |
| #2 | .0172328 | .0387805 | .0102973 | .0212759 | .0513079 | .1030212 |
| #3 | .0208727 | .0403003 | .0110858 | .0217845 | .0525485 | .0946520 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0887970 | .0055966 | .0058716 | 1.896590 | .0097896 | .0294610 |
| Stddev | .0002202 | .0000207 | .0000394 | .002969  | .0003224 | .0000771 |
| %RSD   | .2479348 | .3691637 | .6701791 | .1565661 | 3.293693 | .2615397 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0888179 | .0056069 | .0058482 | 1.896751 | .0096092 | .0295499 |
| #2 | .0885672 | .0056101 | .0058496 | 1.893544 | .0095977 | .0294146 |
| #3 | .0890060 | .0055728 | .0059171 | 1.899476 | .0101619 | .0294184 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0223598 | .0931270 | .0187561 | 2.029477 | .0397431 | .0103487 |
| Stddev | .0005010 | .0018378 | .0004107 | .005545  | .0002327 | .0000760 |
| %RSD   | 2.240807 | 1.973475 | 2.189681 | .2732082 | .5854387 | .7346729 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0221924 | .0941761 | .0182822 | 2.023536 | .0399063 | .0104361 |
| #2 | .0219638 | .0910049 | .0189779 | 2.030380 | .0394767 | .0102977 |
| #3 | .0229231 | .0942000 | .0190083 | 2.034514 | .0398464 | .0103124 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.063369 | .0377688 | .0475750 | 2.015399 | .0970930 | .2060780 |
| Stddev | .014083  | .0017288 | .0001826 | .020603  | .0003943 | .0015023 |
| %RSD   | .6825091 | 4.577235 | .3837741 | 1.022292 | .4061081 | .7290097 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 2.057740 | .0380230 | .0476602 | 2.006318 | .0973111 | .2058597 |
| #2 | 2.052972 | .0393563 | .0473654 | 2.000896 | .0973300 | .2046967 |
| #3 | 2.079396 | .0359270 | .0476995 | 2.038982 | .0966378 | .2076775 |

Sample Name: LLICV01      Acquired: 2/14/2025 12:41:02      Type: Unk  
Method: NON EPA-6010-200.7(v2695)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: LLICV01      Custom ID2:      Custom ID3:  
Comment:

|        |            |          |          |          |          |          |
|--------|------------|----------|----------|----------|----------|----------|
| Elem   | Sn1899     | Ti3361   | Si2881   | P_1774   | S_1820   | Li6707   |
| Units  | ppm        | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | F .0489211 | .0375523 | .3693601 | .0163346 | .0190586 | .0172472 |
| Stddev | .0004435   | .0002216 | .0009705 | .0030460 | .0027439 | .0019220 |
| %RSD   | .9066197   | .5900589 | .2627442 | 18.64740 | 14.39722 | 11.14399 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0494129 | .0375592 | .3694753 | .0192117 | .0196516 | .0190511 |
| #2 | .0487987 | .0373274 | .3683372 | .0166483 | .0160666 | .0152256 |
| #3 | .0485515 | .0377704 | .3702679 | .0131440 | .0214574 | .0174649 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | .0194617 |
| Stddev | .0000464 |
| %RSD   | .2382657 |

|    |          |
|----|----------|
| #1 | .0194732 |
| #2 | .0194107 |
| #3 | .0195013 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2827.425 | 53377.26 | 10081.15 | 1718.340 | 4365.816 |
| Stddev    | 15.216   | 106.32   | 23.41    | 13.034   | 21.767   |
| %RSD      | .5381701 | .1991806 | .2321772 | .7585055 | .4985838 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2824.366 | 53254.52 | 10055.89 | 1703.413 | 4357.161 |
| #2 | 2843.939 | 53440.93 | 10102.10 | 1727.469 | 4390.580 |
| #3 | 2813.971 | 53436.32 | 10085.48 | 1724.137 | 4349.708 |

Sample Name: ICB01      Acquired: 2/14/2025 12:45:20      Type: Unk  
Method: NON EPA-6010-200.7(v2695)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: ICB01      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000214 | -.000777 | -.000537 | -.000243 | .0008345 | .0052891 | -.002792 |
| Stddev | .000973  | .001338  | .000376  | .002679  | .0013360 | .0014292 | .000538  |
| %RSD   | 454.8883 | 172.1940 | 70.04916 | 1102.895 | 160.1038 | 27.02094 | 19.27638 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .000875  | -.000670 | -.000106 | -.001353 | -.000612 | .0040260 | -.003103 |
| #2 | -.000998 | .000504  | -.000705 | -.002189 | .002022  | .0050010 | -.002171 |
| #3 | -.000519 | -.002166 | -.000800 | .002813  | .001093  | .0068404 | -.003103 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0000577 | -.000024 | .0049724 | -.000039 | -.000065 | .0005462 | -.000356 |
| Stddev | .0000309 | .000099  | .0020860 | .000288  | .000137  | .0002570 | .001253  |
| %RSD   | 53.56754 | 410.6640 | 41.95118 | 738.6058 | 210.3217 | 47.04910 | 351.6331 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0000763 | -.000130 | .0036519 | .000079  | -.000223 | .0002528 | -.000585 |
| #2 | .0000220 | .000066  | .0038880 | -.000367 | .000015  | .0006545 | .000995  |
| #3 | .0000748 | -.000009 | .0073772 | .000171  | .000013  | .0007313 | -.001479 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000057 | .0059571 | -.000038 | -.000118 | .0233805 | .0006018 | .0000908 |
| Stddev | .000456  | .0106859 | .000321  | .000225  | .0035789 | .0012929 | .0005492 |
| %RSD   | 801.6896 | 179.3812 | 843.5365 | 190.1498 | 15.30715 | 214.8276 | 605.0796 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000361 | .0077794 | -.000408 | .000118  | .0204060 | .0005922 | -.000480 |
| #2 | .000468  | -.005523 | .000171  | -.000142 | .0223831 | -.000686 | .000137  |
| #3 | -.000278 | .015615  | .000123  | -.000331 | .0273522 | .001899  | .000616  |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0561899 | -.000198 | -.000299 | .0010761 | .0010335 | -.000093 | -.002137 |
| Stddev | .0205835 | .000980  | .000103  | .0008892 | .0002992 | .002921  | .001564  |
| %RSD   | 36.63213 | 494.4831 | 34.29792 | 82.62961 | 28.94791 | 3145.068 | 73.18913 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0343754 | .000860  | -.000191 | .0014883 | .0010687 | .000848  | -.000438 |
| #2 | .0752690 | -.001074 | -.000396 | .0000556 | .0007182 | -.003368 | -.003516 |
| #3 | .0589252 | -.000381 | -.000311 | .0016845 | .0013135 | .002242  | -.002457 |

Sample Name: ICB01      Acquired: 2/14/2025 12:45:20      Type: Unk  
 Method: NON EPA-6010-200.7(v2695)      Mode: CONC      Corr. Factor: 1.000000  
 User: Kareem      Custom ID1: ICB01      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | S_1820   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | -.004166 | -.000204 | -.000021 |
| Stddev | .002940  | .000266  | .000021  |
| %RSD   | 70.58776 | 130.4267 | 101.2039 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | -.000771 | -.000158 | -.000009 |
| #2 | -.005924 | .000036  | -.000008 |
| #3 | -.005802 | -.000490 | -.000045 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2819.926 | 53953.02 | 9714.100 | 1748.835 | 4412.376 |
| Stddev    | 9.157    | 147.77   | 72.838   | 5.202    | 14.985   |
| %RSD      | .3247344 | .2738827 | .7498125 | .2974468 | .3396125 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2829.588 | 54032.86 | 9638.199 | 1754.837 | 4429.310 |
| #2 | 2818.815 | 54043.69 | 9720.672 | 1746.030 | 4400.830 |
| #3 | 2811.375 | 53782.51 | 9783.428 | 1745.638 | 4406.988 |

Sample Name: CRI01      Acquired: 2/14/2025 12:49:40      Type: Unk  
Method: NON EPA-6010-200.7(v2695)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CRI01      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0199565 | .0386014 | .0114336 | .0200802 | .0522504 | .1001617 |
| Stddev | .0010987 | .0018962 | .0010212 | .0019461 | .0012159 | .0061515 |
| %RSD   | 5.505656 | 4.912209 | 8.931696 | 9.691620 | 2.327032 | 6.141564 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0187175 | .0406971 | .0105190 | .0179871 | .0509136 | .0982092 |
| #2 | .0203396 | .0381025 | .0125355 | .0204186 | .0525472 | .1070525 |
| #3 | .0208124 | .0370045 | .0112464 | .0218349 | .0532904 | .0952234 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0890316 | .0056784 | .0058512 | 1.910103 | .0095137 | .0294280 |
| Stddev | .0001216 | .0000566 | .0000558 | .016572  | .0004200 | .0001310 |
| %RSD   | .1366223 | .9962210 | .9530582 | .8675992 | 4.414228 | .4452504 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0891207 | .0056621 | .0058616 | 1.892698 | .0095034 | .0294067 |
| #2 | .0888930 | .0056317 | .0057910 | 1.911920 | .0090990 | .0295684 |
| #3 | .0890811 | .0057413 | .0059010 | 1.925692 | .0099387 | .0293089 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0219641 | .1016439 | .0191318 | 1.998374 | .0394994 | .0103027 |
| Stddev | .0001450 | .0026451 | .0001189 | .021585  | .0003850 | .0001372 |
| %RSD   | .6601916 | 2.602342 | .6213391 | 1.080103 | .9745717 | 1.331168 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0221260 | .1024316 | .0192606 | 1.991947 | .0398750 | .0104607 |
| #2 | .0218462 | .1038057 | .0190263 | 1.980734 | .0391057 | .0102138 |
| #3 | .0219202 | .0986944 | .0191085 | 2.022442 | .0395173 | .0102337 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.035336 | .0385949 | .0474792 | 2.036052 | .0920964 | .2073565 |
| Stddev | .015206  | .0009074 | .0004327 | .019958  | .0005172 | .0007012 |
| %RSD   | .7470837 | 2.351211 | .9114197 | .9802444 | .5616089 | .3381715 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 2.020467 | .0385282 | .0478992 | 2.018044 | .0919284 | .2077777 |
| #2 | 2.050858 | .0377226 | .0475037 | 2.032602 | .0916841 | .2065470 |
| #3 | 2.034682 | .0395338 | .0470347 | 2.057511 | .0926768 | .2077447 |

Sample Name: CRI01      Acquired: 2/14/2025 12:49:40      Type: Unk  
Method: NON EPA-6010-200.7(v2695)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CRI01      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |            |          |
|--------|----------|----------|----------|----------|------------|----------|
| Elem   | Sn1899   | Ti3361   | Si2881   | P_1774   | S_1820     | Li6707   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | .0483898 | .0373232 | .3633659 | .0177279 | F .0132012 | .0165240 |
| Stddev | .0005751 | .0004172 | .0024179 | .0024202 | .0006194   | .0002806 |
| %RSD   | 1.188362 | 1.117936 | .6654153 | 13.65207 | 4.692182   | 1.698365 |
| #1     | .0490518 | .0376728 | .3661414 | .0202974 | .0125265   | .0162038 |
| #2     | .0481030 | .0368613 | .3617156 | .0173949 | .0137442   | .0166406 |
| #3     | .0480146 | .0374356 | .3622409 | .0154915 | .0133329   | .0167275 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | .0194492 |
| Stddev | .0000637 |
| %RSD   | .3274037 |
| #1     | .0194072 |
| #2     | .0195225 |
| #3     | .0194181 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2828.604 | 53755.25 | 9951.149 | 1730.646 | 4397.181 |
| Stddev    | 8.351    | 121.43   | 19.802   | 8.313    | 12.762   |
| %RSD      | .2952210 | .2258919 | .1989933 | .4803529 | .2902239 |
| #1        | 2824.229 | 53869.16 | 9945.518 | 1728.207 | 4391.246 |
| #2        | 2838.233 | 53769.09 | 9973.157 | 1723.826 | 4411.829 |
| #3        | 2823.350 | 53627.49 | 9934.773 | 1739.906 | 4388.468 |

Sample Name: ICSA01      Acquired: 2/14/2025 12:53:59      Type: Unk  
Method: NON EPA-6010-200.7(v2695)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: ICSA01      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.003380 | -.000604 | .0078645 | -.016765 | -.000123 | 245.4718 |
| Stddev | .003894  | .003292  | .0008893 | .005250  | .003363  | 1.9278   |
| %RSD   | 115.1919 | 544.8974 | 11.30818 | 31.31875 | 2726.868 | .7853592 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | -.003740 | -.001825 | .0068734 | -.010709 | .001315  | 243.5695 |
| #2 | .000681  | .003124  | .0085930 | -.019535 | -.003966 | 245.4219 |
| #3 | -.007082 | -.003111 | .0081270 | -.020050 | .002281  | 247.4242 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0039939 | .0011726 | .0056687 | 225.9288 | .0580530 | .0013053 |
| Stddev | .0003052 | .0000471 | .0000604 | 1.0733   | .0002490 | .0001950 |
| %RSD   | 7.640995 | 4.017572 | 1.064886 | .4750467 | .4289106 | 14.93801 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0042809 | .0011200 | .0056055 | 225.7408 | .0578165 | .0013672 |
| #2 | .0036733 | .0012107 | .0057258 | 224.9620 | .0580297 | .0014617 |
| #3 | .0040276 | .0011873 | .0056746 | 227.0837 | .0583129 | .0010868 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0027481 | 103.0677 | .0035177 | 243.0829 | .0024038 | .0036540 |
| Stddev | .0005589 | .2755    | .0003415 | 1.3280   | .0003114 | .0001675 |
| %RSD   | 20.33925 | .2673008 | 9.706848 | .5463068 | 12.95237 | 4.582698 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0028398 | 103.2889 | .0037541 | 242.7585 | .0020632 | .0036686 |
| #2 | .0021489 | 102.7591 | .0031262 | 241.9471 | .0026738 | .0038136 |
| #3 | .0032554 | 103.1551 | .0036729 | 244.5430 | .0024744 | .0034797 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0929197 | .0072044 | .0135131 | .0855034 | .0266707 | .0003425 |
| Stddev | .0020654 | .0014794 | .0004709 | .0516609 | .0015594 | .0002609 |
| %RSD   | 2.222796 | 20.53416 | 3.485012 | 60.41973 | 5.847023 | 76.16941 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0913093 | .0086660 | .0130671 | .0390107 | .0274948 | .0006438 |
| #2 | .0922013 | .0072393 | .0140055 | .0763821 | .0276452 | .0001928 |
| #3 | .0952483 | .0057079 | .0134666 | .1411176 | .0248721 | .0001910 |

Sample Name: ICSA01      Acquired: 2/14/2025 12:53:59      Type: Unk  
 Method: NON EPA-6010-200.7(v2695)      Mode: CONC      Corr. Factor: 1.000000  
 User: Kareem      Custom ID1: ICSA01      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |          |            |            |
|--------|----------|----------|----------|----------|------------|------------|
| Elem   | Sn1899   | Ti3361   | Si2881   | P_1774   | S_1820     | Li6707     |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm        |
| Avg    | -.002733 | -.001090 | .0180768 | .0050834 | F -.025777 | F -.034704 |
| Stddev | .000289  | .000404  | .0027668 | .0020452 | .003171    | .000651    |
| %RSD   | 10.58710 | 37.05077 | 15.30591 | 40.23313 | 12.30095   | 1.875043   |
| #1     | -.002998 | -.000978 | .0212624 | .0074330 | -.029415   | -.035436   |
| #2     | -.002424 | -.001538 | .0162735 | .0041153 | -.024314   | -.034484   |
| #3     | -.002778 | -.000754 | .0166945 | .0037020 | -.023601   | -.034191   |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | -.005041 |
| Stddev | .000400  |
| %RSD   | 7.931661 |
| #1     | -.005388 |
| #2     | -.005131 |
| #3     | -.004604 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2570.165 | 47535.04 | 9784.799 | 1531.286 | 3625.617 |
| Stddev    | 10.400   | 323.00   | 78.887   | 6.812    | 6.231    |
| %RSD      | .4046620 | .6794916 | .8062175 | .4448364 | .1718482 |
| #1        | 2577.636 | 47705.44 | 9844.368 | 1534.361 | 3630.845 |
| #2        | 2574.573 | 47737.16 | 9814.696 | 1536.018 | 3627.284 |
| #3        | 2558.287 | 47162.53 | 9695.334 | 1523.479 | 3618.722 |

Sample Name: ICSAB01      Acquired: 2/14/2025 13:08:28      Type: Unk  
Method: NON EPA-6010-200.7(v2694)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: ICSAB01      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0991671 | .0963416 | .0544669 | .0299000 | .6048779 | 240.7628 |
| Stddev | .0037577 | .0018499 | .0014819 | .0018321 | .0030179 | 6.4253   |
| %RSD   | 3.789277 | 1.920153 | 2.720714 | 6.127301 | .4989330 | 2.668715 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .1025195 | .0942161 | .0540889 | .0294443 | .6078840 | 235.7219 |
| #2 | .0951052 | .0975887 | .0561012 | .0283388 | .6018483 | 238.5688 |
| #3 | .0998766 | .0972199 | .0532106 | .0319169 | .6049016 | 247.9977 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .4680238 | .4605932 | .9673694 | 224.9774 | .5578937 | .4917610 |
| Stddev | .0136771 | .0092018 | .0021994 | 5.5386   | .0025460 | .0006671 |
| %RSD   | 2.922316 | 1.997818 | .2273597 | 2.461834 | .4563637 | .1356489 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .4574012 | .4519460 | .9648301 | 220.3757 | .5608114 | .4911006 |
| #2 | .4632140 | .4595694 | .9686798 | 223.4320 | .5561225 | .4924346 |
| #3 | .4834560 | .4702640 | .9685982 | 231.1245 | .5567472 | .4917477 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .4786474 | 100.1647 | .4544655 | 240.7669 | .9687352 | .2188175 |
| Stddev | .0008619 | .4392    | .0117070 | 5.8528   | .0022352 | .0006838 |
| %RSD   | .1800663 | .4384420 | 2.575988 | 2.430909 | .2307380 | .3124922 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .4784611 | 100.3218 | .4449939 | 235.8893 | .9661819 | .2195618 |
| #2 | .4778940 | 99.6686  | .4508483 | 239.1545 | .9696847 | .2182171 |
| #3 | .4795872 | 100.5038 | .4675541 | 247.2569 | .9703389 | .2186735 |

|        |          |          |          |          |            |            |
|--------|----------|----------|----------|----------|------------|------------|
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496     | Mo2020     |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm        |
| Avg    | .1034871 | .4637030 | 1.076806 | .0853176 | F .0349472 | F .0005967 |
| Stddev | .0074628 | .0114097 | .004458  | .0073235 | .0019313   | .0004374   |
| %RSD   | 7.211320 | 2.460571 | .4139790 | 8.583833 | 5.526463   | 73.30418   |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .1028652 | .4555544 | 1.078797 | .0908713 | .0371233 | .0009019 |
| #2 | .0963547 | .4588117 | 1.071699 | .0880636 | .0342817 | .0000956 |
| #3 | .1112414 | .4767429 | 1.079920 | .0770180 | .0334366 | .0007926 |

Sample Name: ICSAB01      Acquired: 2/14/2025 13:08:28      Type: Unk  
Method: NON EPA-6010-200.7(v2694)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: ICSAB01      Custom ID2:      Custom ID3:  
Comment:

|        |            |            |            |            |            |            |
|--------|------------|------------|------------|------------|------------|------------|
| Elem   | Sn1899     | Ti3361     | Si2881     | P_1774     | S_1820     | Li6707     |
| Units  | ppm        | ppm        | ppm        | ppm        | ppm        | ppm        |
| Avg    | F -.002876 | F -.002507 | F .0003277 | F .0063289 | F -.026173 | F -.035423 |
| Stddev | .000641    | .000898    | .0036384   | .0033192   | .004042    | .001259    |
| %RSD   | 22.27366   | 35.81120   | 1110.462   | 52.44533   | 15.44286   | 3.554293   |
| #1     | -.003591   | -.002315   | -.003040   | .0068531   | -.024049   | -.033997   |
| #2     | -.002682   | -.003486   | -.000163   | .0027788   | -.030834   | -.035893   |
| #3     | -.002355   | -.001721   | .004187    | .0093548   | -.023636   | -.036381   |

|        |            |
|--------|------------|
| Elem   | Sr4077     |
| Units  | ppm        |
| Avg    | F -.005440 |
| Stddev | .002289    |
| %RSD   | 42.08725   |
| #1     | -.007482   |
| #2     | -.005872   |
| #3     | -.002965   |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2598.835 | 48016.06 | 9582.494 | 1565.921 | 3712.289 |
| Stddev    | 6.391    | 243.86   | 178.893  | 5.584    | 5.573    |
| %RSD      | .2459141 | .5078689 | 1.866872 | .3566124 | .1501229 |
| #1        | 2600.000 | 47753.50 | 9754.916 | 1561.611 | 3716.624 |
| #2        | 2604.564 | 48059.22 | 9594.800 | 1572.229 | 3714.240 |
| #3        | 2591.942 | 48235.45 | 9397.766 | 1563.923 | 3706.003 |

Sample Name: CCV01      Acquired: 2/14/2025 13:12:12      Type: Unk  
Method: NON EPA-6010-200.7(v2696)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCV01      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 5.015598 | 5.087611 | 4.939039 | 5.032464 | 5.061515 | 9.653836 | 10.63419 |
| Stddev | .028772  | .015514  | .014745  | .024056  | .031260  | .038360  | .06954   |
| %RSD   | .5736567 | .3049369 | .2985334 | .4780149 | .6176076 | .3973592 | .6539757 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 5.031031 | 5.091786 | 4.934573 | 5.033399 | 5.057720 | 9.658030 | 10.55768 |
| #2 | 4.982402 | 5.070437 | 4.927043 | 5.007955 | 5.032325 | 9.613552 | 10.69357 |
| #3 | 5.033362 | 5.100611 | 4.955500 | 5.056039 | 5.094500 | 9.689928 | 10.65131 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .2424452 | 2.474623 | 23.41454 | 1.008074 | 2.471743 | 1.252779 | 4.735805 |
| Stddev | .0018202 | .009130  | .09875   | .002339  | .010048  | .005363  | .013621  |
| %RSD   | .7507641 | .3689403 | .4217308 | .2320665 | .4065275 | .4280527 | .2876180 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .2438746 | 2.470579 | 23.42893 | 1.009855 | 2.467435 | 1.252404 | 4.721280 |
| #2 | .2403961 | 2.468215 | 23.30939 | 1.008942 | 2.464568 | 1.247614 | 4.748292 |
| #3 | .2430650 | 2.485077 | 23.50531 | 1.005424 | 2.483228 | 1.258320 | 4.737842 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.285689 | 23.46649 | 2.478811 | 1.237119 | 23.86050 | 2.371676 | 2.645018 |
| Stddev | .004577  | .13261   | .007834  | .003672  | .06940   | .013141  | .013690  |
| %RSD   | .2002422 | .5650998 | .3160465 | .2968365 | .2908632 | .5540808 | .5175885 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 2.284062 | 23.56244 | 2.474718 | 1.239978 | 23.81669 | 2.377702 | 2.660422 |
| #2 | 2.282147 | 23.31517 | 2.473872 | 1.238403 | 23.94051 | 2.356602 | 2.634241 |
| #3 | 2.290857 | 23.52186 | 2.487844 | 1.232978 | 23.82428 | 2.380722 | 2.640390 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 23.60341 | 4.797864 | 5.003623 | 4.980245 | 4.662617 | 4.836931 | 5.041011 |
| Stddev | .11433   | .030676  | .020403  | .012513  | .015788  | .033045  | .014700  |
| %RSD   | .4843601 | .6393576 | .4077652 | .2512586 | .3386073 | .6831903 | .2915986 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 23.49296 | 4.827399 | 5.003249 | 4.970420 | 4.661348 | 4.798843 | 5.029850 |
| #2 | 23.72125 | 4.766163 | 4.983409 | 4.975982 | 4.647502 | 4.853973 | 5.035517 |
| #3 | 23.59602 | 4.800031 | 5.024210 | 4.994333 | 4.679002 | 4.857976 | 5.057666 |

Sample Name: CCV01      Acquired: 2/14/2025 13:12:12      Type: Unk  
 Method: NON EPA-6010-200.7(v2696)      Mode: CONC      Corr. Factor: 1.000000  
 User: Kareem      Custom ID1: CCV01      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | S_1820   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | 4.983071 | 4.622058 | 5.033586 |
| Stddev | .013910  | .010412  | .073586  |
| %RSD   | .2791488 | .2252693 | 1.461907 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | 4.992901 | 4.616599 | 4.965918 |
| #2 | 4.967155 | 4.615511 | 5.111925 |
| #3 | 4.989158 | 4.634064 | 5.022914 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2733.255 | 52121.10 | 9245.995 | 1659.581 | 4011.065 |
| Stddev    | 6.914    | 114.43   | 56.971   | 7.225    | 7.223    |
| %RSD      | .2529486 | .2195436 | .6161647 | .4353552 | .1800815 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2734.329 | 51998.93 | 9194.336 | 1651.578 | 4016.114 |
| #2 | 2739.570 | 52138.60 | 9307.097 | 1665.624 | 4014.289 |
| #3 | 2725.868 | 52225.77 | 9236.550 | 1661.541 | 4002.791 |

Sample Name: CCB01      Acquired: 2/14/2025 13:16:24      Type: Unk  
Method: NON EPA-6010-200.7(v2696)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCB01      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000690 | -.000932 | -.000710 | -.000574 | -.000088 | .0025804 | -.069539 |
| Stddev | .002473  | .000608  | .001639  | .001883  | .001158  | .0048356 | .001387  |
| %RSD   | 358.6660 | 65.21851 | 230.7010 | 328.0118 | 1311.956 | 187.3991 | 1.994391 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.003416 | -.001148 | .001182  | -.001271 | -.000236 | .0016259 | -.068894 |
| #2 | .001410  | -.000246 | -.001677 | .001558  | -.001165 | -.001707 | -.068593 |
| #3 | -.000062 | -.001402 | -.001635 | -.002009 | .001137  | .007822  | -.071131 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0001063 | .0000101 | -.000926 | .0004623 | .0001240 | -.000255 | .0027489 |
| Stddev | .0000378 | .0000247 | .004213  | .0003537 | .0001162 | .000557  | .0039027 |
| %RSD   | 35.58348 | 244.6349 | 455.1089 | 76.50583 | 93.63870 | 218.5981 | 141.9743 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0001243 | -.000006 | .000261  | .0001324 | .0002569 | -.000330 | .0009934 |
| #2 | .0001317 | .000039  | .002566  | .0004187 | .0000417 | .000336  | .0000322 |
| #3 | .0000628 | -.000002 | -.005604 | .0008358 | .0000735 | -.000770 | .0072210 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0001302 | .0054970 | .0000505 | .0001018 | .0728326 | .0011995 | .0003077 |
| Stddev | .0001534 | .0129201 | .0003128 | .0002191 | .0110132 | .0012986 | .0001611 |
| %RSD   | 117.8271 | 235.0368 | 619.4227 | 215.3019 | 15.12131 | 108.2625 | 52.35411 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0001575 | -.006849 | -.000301 | -.000053 | .0621657 | .0026562 | .0004466 |
| #2 | -.000035 | .018923  | .000156  | .000006  | .0721698 | .0001627 | .0001311 |
| #3 | .000268  | .004417  | .000297  | .000352  | .0841622 | .0007797 | .0003454 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0583601 | .0102537 | -.000179 | -.001000 | .0006616 | .0070772 | -.002057 |
| Stddev | .0147641 | .0004312 | .000141  | .001064  | .0003681 | .0033485 | .001497  |
| %RSD   | 25.29831 | 4.205138 | 78.57077 | 106.3712 | 55.64675 | 47.31400 | 72.78154 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0739573 | .0103404 | -.000204 | -.000864 | .0010508 | .0043840 | -.000382 |
| #2 | .0446013 | .0097857 | -.000306 | -.002125 | .0003189 | .0108264 | -.003265 |
| #3 | .0565216 | .0106349 | -.000028 | -.000011 | .0006151 | .0060212 | -.002526 |

Sample Name: CCB01      Acquired: 2/14/2025 13:16:24      Type: Unk  
 Method: NON EPA-6010-200.7(v2696)      Mode: CONC      Corr. Factor: 1.000000  
 User: Kareem      Custom ID1: CCB01      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | S_1820   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | -.004349 | -.000635 | .0000761 |
| Stddev | .001658  | .000366  | .0000051 |
| %RSD   | 38.12401 | 57.64277 | 6.672336 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | -.004150 | -.000552 | .0000818 |
| #2 | -.002799 | -.001036 | .0000720 |
| #3 | -.006097 | -.000318 | .0000746 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2801.580 | 52755.01 | 10021.57 | 1685.451 | 4355.914 |
| Stddev    | 4.272    | 280.92   | 35.85    | 11.846   | 7.935    |
| %RSD      | .1524967 | .5325010 | .3577513 | .7028325 | .1821632 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2797.173 | 52996.45 | 9980.84  | 1698.801 | 4347.709 |
| #2 | 2801.863 | 52821.89 | 10048.35 | 1681.359 | 4356.485 |
| #3 | 2805.704 | 52446.68 | 10035.52 | 1676.194 | 4363.548 |

Sample Name: Q1353-02      Acquired: 2/14/2025 13:20:44      Type: Unk  
Method: NON EPA-6010-200.7(v2696)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.005079 | -.001787 | .0027253 | .0036999 | .0007904 | .0791346 | .3789484 |
| Stddev | .001581  | .002357  | .0008812 | .0021412 | .0004251 | .0010649 | .0008004 |
| %RSD   | 31.13710 | 131.9313 | 32.33506 | 57.87077 | 53.77577 | 1.345702 | .2112277 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.004225 | .000474  | .0022879 | .0061202 | .0004037 | .0802836 | .3798719 |
| #2 | -.006904 | -.001605 | .0021484 | .0020526 | .0007220 | .0789393 | .3784553 |
| #3 | -.004108 | -.004229 | .0037397 | .0029269 | .0012455 | .0781808 | .3785179 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0001961 | .0004274 | 22.41316 | .0006607 | -.000110 | .0137100 | .0172417 |
| Stddev | .0000015 | .0000217 | .02592   | .0002141 | .000148  | .0000184 | .0027755 |
| %RSD   | .7601600 | 5.073066 | .1156621 | 32.40911 | 134.4782 | .1340001 | 16.09781 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0001961 | .0004496 | 22.44270 | .0008315 | -.000195 | .0137118 | .0185740 |
| #2 | .0001975 | .0004063 | 22.39417 | .0004205 | -.000195 | .0136908 | .0140512 |
| #3 | .0001946 | .0004263 | 22.40261 | .0007303 | .000061  | .0137274 | .0190998 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .3509582 | 5.390510 | .0039079 | .0000330 | 288.5294 | .0000711 | .1425777 |
| Stddev | .0003915 | .016637  | .0002363 | .0002582 | 3.7629   | .0001838 | .0001412 |
| %RSD   | .1115365 | .3086364 | 6.046903 | 783.7896 | 1.304177 | 258.5396 | .0990228 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .3510612 | 5.409675 | .0037326 | .0002787 | 286.5379 | .0002514 | .1424820 |
| #2 | .3505255 | 5.379772 | .0038144 | .0000563 | 286.1806 | -.000116 | .1427398 |
| #3 | .3512878 | 5.382084 | .0041766 | -.000236 | 292.8695 | .000078  | .1425112 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.343300 | .0533141 | -.000032 | -.001056 | .0005891 | .6700862 | .0131915 |
| Stddev | .039801  | .0010607 | .000093  | .000570  | .0005356 | .0060539 | .0003869 |
| %RSD   | 2.962954 | 1.989572 | 288.4993 | 53.99392 | 90.91782 | .9034464 | 2.933266 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 1.359784 | .0526735 | -.000085 | -.001047 | .0011169 | .6735497 | .0127552 |
| #2 | 1.372211 | .0545384 | -.000088 | -.001630 | .0000460 | .6630958 | .0133265 |
| #3 | 1.297904 | .0527302 | .000076  | -.000490 | .0006044 | .6736129 | .0134930 |

Sample Name: Q1353-02      Acquired: 2/14/2025 13:20:44      Type: Unk  
 Method: NON EPA-6010-200.7(v2696)      Mode: CONC      Corr. Factor: 1.000000  
 User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | S_1820   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .4151403 | -.004264 | .0799252 |
| Stddev | .0041311 | .000766  | .0002440 |
| %RSD   | .9951062 | 17.95255 | .3052826 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .4159398 | -.003599 | .0801407 |
| #2 | .4106680 | -.005101 | .0796603 |
| #3 | .4188133 | -.004092 | .0799747 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2695.679 | 50150.91 | 10093.84 | 1594.908 | 3929.714 |
| Stddev    | 8.756    | 194.61   | 17.05    | .792     | 17.186   |
| %RSD      | .3248078 | .3880419 | .1689135 | .0496576 | .4373240 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2697.055 | 49948.03 | 10077.42 | 1594.199 | 3930.871 |
| #2 | 2703.665 | 50336.03 | 10111.46 | 1594.764 | 3946.292 |
| #3 | 2686.316 | 50168.67 | 10092.64 | 1595.763 | 3911.979 |

Sample Name: CCV02      Acquired: 2/14/2025 13:34:46      Type: Unk  
Method: NON EPA-6010-200.7(v2696)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCV02      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.852507 | 4.908132 | 4.816155 | 4.838439 | 4.930869 | 9.577154 | 10.39325 |
| Stddev | .048368  | .079197  | .043579  | .050748  | .052749  | .047470  | .12666   |
| %RSD   | .9967665 | 1.613593 | .9048481 | 1.048845 | 1.069770 | .4956564 | 1.218651 |
| #1     | 4.818184 | 4.883621 | 4.781483 | 4.801807 | 4.890549 | 9.539464 | 10.53361 |
| #2     | 4.831512 | 4.844089 | 4.801908 | 4.817144 | 4.911491 | 9.561533 | 10.35864 |
| #3     | 4.907826 | 4.996688 | 4.865074 | 4.896364 | 4.990566 | 9.630466 | 10.28749 |
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .2425486 | 2.409627 | 23.08089 | 1.002778 | 2.418345 | 1.232557 | 4.688950 |
| Stddev | .0012203 | .021500  | .11521   | .001608  | .022004  | .012582  | .016809  |
| %RSD   | .5031300 | .8922713 | .4991451 | .1603799 | .9098804 | 1.020821 | .3584886 |
| #1     | .2418724 | 2.393756 | 22.97367 | 1.004254 | 2.402450 | 1.224385 | 4.676892 |
| #2     | .2418160 | 2.401029 | 23.06629 | 1.001064 | 2.409127 | 1.226241 | 4.708151 |
| #3     | .2439573 | 2.434096 | 23.20270 | 1.003016 | 2.443459 | 1.247046 | 4.681807 |
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.250914 | 22.99744 | 2.417783 | 1.236908 | 23.36363 | 2.344994 | 2.612095 |
| Stddev | .009477  | .11870   | .020570  | .003689  | .08160   | .010184  | .003116  |
| %RSD   | .4210380 | .5161545 | .8507887 | .2982086 | .3492714 | .4342832 | .1192880 |
| #1     | 2.242426 | 22.90754 | 2.404085 | 1.239745 | 23.40823 | 2.334204 | 2.615536 |
| #2     | 2.249174 | 22.95280 | 2.407828 | 1.238240 | 23.41321 | 2.346342 | 2.609464 |
| #3     | 2.261140 | 23.13200 | 2.441437 | 1.232739 | 23.26944 | 2.354437 | 2.611286 |
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 23.16766 | 4.800399 | 4.970468 | 4.837505 | 4.614460 | 4.755409 | 4.783240 |
| Stddev | .04357   | .020511  | .047008  | .039812  | .020723  | .018149  | .052715  |
| %RSD   | .1880685 | .4272715 | .9457547 | .8229869 | .4490847 | .3816588 | 1.102077 |
| #1     | 23.20008 | 4.785415 | 4.940079 | 4.808565 | 4.592815 | 4.745332 | 4.752522 |
| #2     | 23.18477 | 4.792007 | 4.946713 | 4.821043 | 4.616447 | 4.776362 | 4.753089 |
| #3     | 23.11813 | 4.823775 | 5.024614 | 4.882908 | 4.634117 | 4.744535 | 4.844109 |

Sample Name: CCV02      Acquired: 2/14/2025 13:34:46      Type: Unk  
 Method: NON EPA-6010-200.7(v2696)      Mode: CONC      Corr. Factor: 1.000000  
 User: Kareem      Custom ID1: CCV02      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | S_1820   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | 4.694887 | 4.534862 | 5.040459 |
| Stddev | .052273  | .017011  | .006242  |
| %RSD   | 1.113412 | .3751210 | .1238375 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | 4.658192 | 4.516899 | 5.045806 |
| #2 | 4.671730 | 4.536960 | 5.041970 |
| #3 | 4.754739 | 4.550727 | 5.033600 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2808.581 | 52181.73 | 9254.059 | 1661.683 | 4169.684 |
| Stddev    | 22.341   | 175.68   | 57.368   | 5.788    | 34.640   |
| %RSD      | .7954587 | .3366687 | .6199242 | .3483197 | .8307504 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2822.323 | 51987.09 | 9271.736 | 1655.543 | 4191.882 |
| #2 | 2820.617 | 52328.55 | 9300.509 | 1662.468 | 4187.401 |
| #3 | 2782.803 | 52229.54 | 9189.933 | 1667.039 | 4129.770 |

Sample Name: CCB02      Acquired: 2/14/2025 13:39:45      Type: Unk  
Method: NON EPA-6010-200.7(v2694)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCB02      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0000079 | .0005918 | -.000679 | -.000808 | .0007144 | .0021860 | -.003510 |
| Stddev | .0010382 | .0026346 | .001121  | .001518  | .0006993 | .0018614 | .000915  |
| %RSD   | 13086.74 | 445.1549 | 165.1830 | 187.9120 | 97.88064 | 85.15264 | 26.06929 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0004310 | -.002245 | -.000078 | .000066  | .0012252 | .0041605 | -.002560 |
| #2 | -.001175 | .002962  | -.001972 | .000071  | .0010007 | .0019340 | -.004385 |
| #3 | .000768  | .001058  | .000014  | -.002561 | -.000083 | .0004634 | -.003584 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0000537 | -.000030 | .0072609 | .0001007 | .0000543 | .0001981 | .0032860 |
| Stddev | .0000631 | .000036  | .0028746 | .0002700 | .0001401 | .0002120 | .0018294 |
| %RSD   | 117.4566 | 121.4219 | 39.58980 | 268.1596 | 257.8047 | 107.0105 | 55.67276 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0001265 | -.000070 | .0054400 | .0003954 | .0001968 | .0002651 | .0015304 |
| #2 | .0000191 | -.000001 | .0057679 | -.000135 | .0000494 | .0003685 | .0051813 |
| #3 | .0000155 | -.000018 | .0105747 | .000042  | -.000083 | -.000039 | .0031464 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0003008 | .0195460 | .0000529 | -.000020 | .2038075 | -.000452 | .0001274 |
| Stddev | .0000769 | .0057295 | .0003125 | .000516  | .0038668 | .000644  | .0003838 |
| %RSD   | 25.56517 | 29.31283 | 590.5396 | 2554.224 | 1.897307 | 142.3817 | 301.1887 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0003183 | .0226489 | .0003842 | -.000313 | .1993426 | -.000691 | .0005424 |
| #2 | .0003676 | .0230549 | -.000236 | .000576  | .2060161 | .000277  | -.000215 |
| #3 | .0002167 | .0129343 | .000011  | -.000324 | .2060639 | -.000942 | .000055  |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1535873 | .0035647 | -.000227 | -.000671 | .0007092 | .0008762 | -.001955 |
| Stddev | .0290193 | .0002411 | .000130  | .000480  | .0001522 | .0044900 | .001590  |
| %RSD   | 18.89437 | 6.762484 | 57.52882 | 71.52028 | 21.46197 | 512.4099 | 81.32419 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .1492276 | .0037333 | -.000316 | -.000968 | .0008810 | -.003071 | -.000742 |
| #2 | .1269945 | .0032886 | -.000287 | -.000928 | .0006555 | -.000061 | -.001368 |
| #3 | .1845399 | .0036721 | -.000077 | -.000117 | .0005911 | .005761  | -.003756 |

Sample Name: CCB02      Acquired: 2/14/2025 13:39:45      Type: Unk  
Method: NON EPA-6010-200.7(v2694)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCB02      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | S_1820   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | -.005172 | .0003315 | -.000014 |
| Stddev | .000893  | .0006397 | .000005  |
| %RSD   | 17.26816 | 192.9719 | 35.81171 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | -.005640 | .0007608 | -.000015 |
| #2 | -.005734 | -.000404 | -.000019 |
| #3 | -.004142 | .000637  | -.000009 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2853.386 | 53304.04 | 10218.43 | 1702.895 | 4413.954 |
| Stddev    | 8.744    | 119.22   | 69.03    | 2.267    | 12.891   |
| %RSD      | .3064439 | .2236571 | .6755892 | .1331248 | .2920432 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2857.195 | 53221.72 | 10138.72 | 1701.249 | 4420.715 |
| #2 | 2843.383 | 53249.65 | 10257.30 | 1701.955 | 4399.089 |
| #3 | 2859.579 | 53440.75 | 10259.26 | 1705.481 | 4422.057 |